Environment Canada Environnement Canada

Surface Water Data

Saskatchewan

Données sur les eaux de surface

1981

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1982

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1982

© Minister of Supply and Services Canada 1982
Cat. No. En 36-404/1981
ISBN 0-662-51733-4
BEAUREGARD PRESS LIMITED

© Ministre des Approvisionnements et Services Canada 1982
N° de cat. En 36-404/1981
ISBN 0-662-51733-4
IMPRIMERIE BEAUREGARD LIMITÉE

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Regina, Saskatchewan.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Regina (Saskatchewan).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization and History of Hydrometric Survey Operations	iv
Co-operation and Acknowledgments	v
Conversion Factors	vi
Definition of Terms and Abbreviations	vii
Publication of Surface Water and Sediment Data	vii
Method of Tabulation of Surface Water Data	ix
Revisions	xi
Accuracy of Hydrometric Data	xii
Metric Conversion	xii
Microfiche	xii
Surface Water Data, Gauging Stations in Alphabetical Order	1
Index of Gauging Stations	185

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1981 calendar year, the results of the hydrometric survey investigations which were made in Saskatchewan by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
G.M.C. Building,
1102-8th Avenue,
Regina, Saskatchewan.
S4R 1C9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1981, the hydrometric surveys in Saskatchewan were conducted by the Water Survey of Canada under agreement with the Province of Saskatchewan. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

TABLE DES MATIÈRES

	PAGE
Préface	iii
Introduction	iv
Organisation et historique des relevés hydrométriques	iv
Coopération et remerciements	v
Facteurs de conversion	vi
Définitions des termes et abréviations	vii
Publication des données sur les eaux de surface et les sédiments	vii
Présentation sous forme de tableaux des données sur les eaux de surface	ix
Révisions	xi
Exactitude des données hydrométriques	xii
Conversion au système métrique	xii
Microfiche	xii
Données sur les eaux de surface — Stations de jaugeage énumérées dans l'ordre alphabétique	1
Index des stations de jaugeage	185

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1981, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Saskatchewan.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice G.M.C.
1102, Huitième avenue
Regina (Saskatchewan)
S4R 1C9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1981, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Saskatchewan en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Saskatchewan to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Saskatchewan for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Saskatchewan on February 18, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Regional Economic Expansion, PFRA.

Provincial – Saskatchewan Power Corporation;
Saskatchewan Research Council;
Saskatchewan Department of the Environment.

Private – Churchill River Power Company;
University of Saskatchewan.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de la Saskatchewan a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement de la Saskatchewan a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de l'Expansion économique régionale (ARAP).

Niveau provincial – *Saskatchewan Power Corporation*,
Conseil de recherche de la Saskatchewan,
Ministère de l'Environnement de la Saskatchewan.

Secteur privé – *Churchill River Power Company*,
Université de la Saskatchewan.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

METRIC CONVERSION

In January 1980, all discharge, water level and sediment data on magnetic tape in the Water Survey of Canada data banks were converted to the International System of Units (SI). All requests for data and publications are now supplied in metric units only. The first documents to be published under the system were the Surface Water Data Reference Index (1979), Surface Water Data Series (1979), Historical Streamflow and Water Levels Summaries (to 1979), Sediment Data for Canadian Rivers (1978), Sediment Data Reference Index (1978), and Historical Sediment Data Summary (to 1978).

Daily discharge and water level data for years prior to 1979 and daily sediment data prior to 1978 in metric units are available on magnetic tape, but not in published form.

MICROFICHE

The historical daily discharge, water level and sediment data which were converted to metric units in January 1980 are also available to users on microfiche cards, upon request. The data are stored in station number order by Region in 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montreal and Halifax) and therefore data for a particular province may include fiche from two or more Regions. There are 270 frames or printouts per microfiche at 48X reduction; there is also a visible heading showing the fiche number, type of data, Region, the beginning and ending station number and year of data and the month/year that the fiche was created; the last frame is an index of the contents of that fiche.

Daily discharge and water level data for 1979 and subsequent years, and daily sediment data for 1978 and subsequent years are available annually on microfiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

CONVERSION AU SYSTÈME MÉTRIQUE

En janvier 1980, toutes les données de l'écoulement, des niveaux d'eau et des sédiments stockées sur ruban magnétique dans les banques de données de la Division des relevés hydrologiques du Canada ont été converties au Système international d'unités (SI). Toutes les demandes de données et de publications sont maintenant remplies selon les unités métriques seulement. Les premiers documents à être publiés selon le système métrique ont été l'*Index de référence des données sur les eaux de surface (1979)*, la série des *Données sur les eaux de surface (1979)*, les *Sommaires chronologiques de l'écoulement et des niveaux d'eau (jusqu'à 1979)*, les *Données sur les sédiments des rivières canadiennes (1978)*, l'*Index de référence des données sur les sédiments (1978)* et le *Sommaire chronologique des données sur les sédiments (jusqu'à 1978)*.

Les données du débit quotidien et des niveaux d'eau pour les années antérieures à 1979 et les données quotidiennes des sédiments avant 1978 en unités métriques sont disponibles sur ruban magnétique, mais ne sont pas publiées.

MICROFICHE

En janvier 1980, les données chronologiques concernant les débits quotidiens, les niveaux d'eau et les sédiments ont été converties en unités métriques. Elles sont également disponibles sur microfiche aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région en 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montréal ou Halifax). Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette, et le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

Les données sur les débits quotidiens et les niveaux d'eau recueillies à partir de 1979 ainsi que les données quotidiennes sur les sédiments dès 1978 sont disponibles sur microfiche chaque année.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE - STATION NO. 11AB095

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	1186.540E	1186.790E	1186.640E	1186.970E	1187.414E	1187.296E	1187.060E	1186.900E	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	1186.590E	---	1187.450E	---	---	1186.980E	---	---	---	19
20	---	---	1186.950E	---	1186.910E	---	1187.400E	1187.220E	---	1186.894E	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	1187.438	---	---	---	---	---	---	22
23	---	1186.381	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	1186.994	---	---	---	---	1187.189	---	---	---	---	25
26	---	---	---	---	1186.905	---	---	---	---	---	---	---	26
27	---	---	---	1186.426	---	---	---	---	---	1186.890	---	---	27
28	---	1186.440E	---	---	---	---	1187.393	---	---	---	---	---	28
29	---	---	---	1186.400E	---	1187.426E	---	---	1186.906	---	---	---	29
30	---	---	1187.000E	1186.395E	1186.900E	1187.424E	1187.370E	1187.140E	1186.904E	---	---	---	30
31	---	---	1186.970E		1186.900E		1187.360E	1187.135E	1186.902E	---	---	---	31
										1186.885E			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 38 33 N
LONG 109 50 14 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ALCOTT CREEK ABOVE MEADOW LAKE - STATION NO. 06AD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.020B	0.720B	1.17	0.113	0.055	0.213	0.001	0.002	0.105	---	1
2	---	---	0.020B	0.940B	1.26	0.094	0.061	0.338	0.008	0.002	0.100A	---	2
3	---	---	0.020B	0.840B	1.27	0.057	0.071	0.416	0.001	0.001	---	---	3
4	---	---	0.020B	0.780B	1.26	0.072	0.055	0.386	0.002	0.001	---	---	4
5	---	---	0.020B	0.900B	1.14	0.076	0.037	0.292	0.002	0.001	---	---	5
6	---	---	0.021B	0.970B	1.03	0.080	0.038	0.221	0.001	0.002	---	---	6
7	---	---	0.021B	0.860B	0.900	0.087	0.040	0.156	0.001	0.003	---	---	7
8	---	---	0.021B	0.889B	0.798	0.088	0.048	0.095	0.001	0.001	---	---	8
9	---	---	0.021B	1.04 B	0.701	0.080	0.042	0.069	0.002	0.006	---	---	9
10	---	---	0.021B	0.874B	0.584	0.067	0.074	0.028	0.001	0.005	---	---	10
11	---	---	0.022B	0.806B	0.490	0.060	0.043	0.041	0.001	0.008	---	---	11
12	---	---	0.022B	0.586B	0.427	0.038	0.002	0.011	0.001	0.001	---	---	12
13	---	---	0.022B	0.897B	0.411	0.017	0.001	0.003	0.001	0.008	---	---	13
14	---	---	0.023B	0.677B	0.715	0.018	0.035	0.001	0.001	0.012	---	---	14
15	---	---	0.023B	0.454B	0.638	0.014	0.027	0.499	0.003	0.006	---	---	15
16	---	---	0.024B	0.493	0.445	0.044	0.006	0.318	0.001	0.009	---	---	16
17	---	---	0.024B	0.573	0.364	0.163	0.013	0.043	0.001	0.023	---	---	17
18	---	---	0.025B	1.01	0.319	0.286	0.011	0.034	0.002	0.026	---	---	18
19	---	---	0.025B	1.52	0.290	0.389	0.018	0.009	0.001	0.008	---	---	19
20	---	---	0.026B	1.59	0.285	0.438	0.014	0.008	0.002	0.005	---	---	20
21	---	---	0.027B	1.62	0.271	0.318	0.016	0.007	0.003	0.017	---	---	21
22	---	---	0.030B	1.68	0.231	0.285	0.008	0.001	0.004	0.027	---	---	22
23	---	---	0.126B	1.87	0.214	0.251	0.017	0.001	0.002	0.042	---	---	23
24	---	---	0.325B	1.68	0.208	0.316	0.050	0.001	0.004	0.055	---	---	24
25	---	---	0.520B	1.55	0.172	0.340	0.025	0.001	0.001	0.061	---	---	25
26	---	---	0.760B	1.40	0.158	0.321	0.053	0.001	0.001	0.074	---	---	26
27	---	---	0.870B	1.24	0.154	0.270	0.198	0.001	0.001	0.073	---	---	27
28	---	---	0.980B	1.13	0.161	0.207	0.490	0.001	0.001	0.075	---	---	28
29	---		1.08 B	1.10	0.150	0.164	0.078	0.001	0.001	0.070	---	---	29
30	---		1.16 B	1.10	0.137	0.095	0.035	0.001	0.001	0.102	---	---	30
31	---		0.900B		0.109		0.120	0.001		0.111		---	31
TOTAL	---	---	7.219	31.789	16.462	4.858	1.781	3.194	0.053	0.837	---	---	TOTAL
MEAN	---	---	0.233	1.06	0.531	0.162	0.057	0.103	0.002	0.027	---	---	MEAN
MAX	---	---	1.16	1.87	1.27	0.438	0.490	0.495	0.008	0.111	---	---	MAX
MIN	---	---	0.020	0.454	0.109	0.014	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.270
MAXIMUM DAILY, 1.87 ON APR 23
MINIMUM DAILY, 0.001 ON JUL 13
MAXIMUM INSTANTANEOUS,
2.29 AT 17:56 CST ON AUG 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 10 N
LONG 107 58 30 W
DRAINAGE AREA, 416 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	154
FEB	---	AUG	276
MAR	624	SEP	4.58
APR	2 750	OCT	72.3
MAY	1 420	NOV	---
JUN	420	DEC	---

TOTAL DISCHARGE, 5 720 dam³

ALTAWAN RESERVOIR NEAR GOVENLOCK - STATION NO. 11AB089

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	895.665	895.934	895.795	894.220	893.473	890.438	890.012E	889.890E	---	---	1
2	---	---	895.691	895.932	895.790	894.095	893.464	890.467	890.009E	889.869E	---	---	2
3	---	---	895.711	895.927	895.779	893.959	893.463	890.494	890.004E	889.846E	---	---	3
4	---	---	895.725	895.922	895.772	893.829	893.460	890.524	889.999E	889.825E	---	---	4
5	---	---	895.740	895.918	895.768	893.714	893.455	890.553	889.995E	889.801E	---	---	5
6	---	---	895.760	895.910	895.770	893.601	893.444	890.571	889.992E	889.780E	---	---	6
7	---	---	895.779	895.911	895.778	893.476	893.434	890.585	889.988E	889.758E	---	---	7
8	---	---	895.802	895.909	895.788	893.343	893.424	890.593	889.985E	889.736E	---	---	8
9	---	---	895.822	895.900	895.780	893.225	893.423	890.597	889.981E	889.714E	---	---	9
10	---	---	895.843	895.895	895.783	893.182	893.418	890.604	889.974E	889.695E	---	---	10
11	---	---	895.855	895.893	895.776	893.151	893.410	890.609	889.968E	889.674E	---	---	11
12	---	---	895 864	895.885	895.776	893.073	893.404	890.613	889.965E	889.655E	---	---	12
13	---	---	895.871	895.881	895.776	892.999	893.411	890.281A	889.961E	889.636E	---	---	13
14	---	---	895.880	895.882	895.777	892.926	893.412	889.855E	889.956E	889.617E	---	---	14
15	---	---	895.886	895.879	895.768	892.834	893.409	889.913E	889.953E	889.597E	---	---	15
16	---	---	895.897	895.873	895.773	892.751	893.407	889.972E	889.948E	889.578E	---	---	16
17	---	---	895.909	895.870	895.792	893.043	893.404	890.008E	889.943E	889.559E	---	---	17
18	---	---	895.912	895.865	895.798	893.330	893.402	890.023A	889.939E	889.538E	---	---	18
19	---	---	895.913	895.857	895.884	893.427	893.397	890.030	889.933E	889.518E	---	---	19
20	---	---	895.916	895.849	895.945	893.461	893.389	890.037	889.931E	889.498E	---	---	20
21	---	---	895.919	895.846	895.911	893.470	893.380	890.052	889.928E	889.476E	---	---	21
22	---	---	895.924	895.843	895.801	893.470	893.303	890.063	889.924E	889.456E	---	---	22
23	---	---	895.931	895.842	895.671	893.475	892.670	890.069	889.922E	889.435E	---	---	23
24	---	---	895.932	895.840	895.542	893.485	891.712	890.074	889.916E	889.414E	---	---	24
25	---	895.357A	895.931	895.832	895.397	893.491	889.904A	890.070	889.913E	889.395E	---	---	25
26	---	895.479	895.929	895.830	895.247	893.495	889.916E	890.046A	889.912E	889.377E	---	---	26
27	---	895.565	895.929	895.826	895.094	893.489	890.039A	890.039E	889.911E	889.357E	---	---	27
28	---	895.621	895.923	895.816	894.930	893.482	890.189	890.034E	889.910E	889.340E	---	---	28
29	---		895.920	895.810	894.741	893.478	890.279	890.028E	889.908E	889.322A	---	---	29
30	---		895.933	895.807	894.543	893.477	890.350	890.024E	889.906A	889.322E	---	---	30
31	---		895.935		894.350		890.393	890.018E		889.322E		--	31
MEAN	---	---	895.860	895.873	895.584	893.415	892.602	890.235	889.953	889.581	---	---	MEAN
MAX	---	---	895.935	895.934	895.945	894.220	893.473	890.613	890.012	889.890	---	---	MAX
MIN	---	---	895.665	895.807	894.350	892.751	889.904	889.855	889.906	889.322	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 895.945 ON MAY 20

MAXIMUM INSTANTANEOUS,
895.968 AT 19:39 CST ON MAY 20

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 109 55 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

AMISK LAKE NEAR FLIN FLON - STATION NO. 05KG003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.904	0.928	---	0.916	0.938	0.926	0.956	0.882	0.803	0.712	0.695	0.675	1
2	0.902	0.929	---	0.924	0.941	0.923	0.965	0.881	0 799	0.713	0.687	0.676	2
3	0.902	0.930	---	0.930	0.938	0.926	0.967	0.874	0.795	0.702	0.680	0.677	3
4	0.906	0.932	---	0.924	0.939	0.926	0.961	0.876	0.788	0.698	0.685	0.679	4
5	0.911	0.936	---	0.925	0.940	0.931	0.954	0.871	0.785	0.695	0.681	0.676	5
6	0.906	0.933	---	0.925	0.944	0.929	0.945	0.871	0.787	0.692	0.677	0.683	6
7	0.904	0.930	---	0.938	0.948	0.926	0.949	0.867	0.782	0.680	0.677	0.697	7
8	0.911	0.932	---	0.935	0.943	0.940	0.986	0.863	0.780	0.683	0.676	0.696	8
9	0.910	0.932	---	0.935	0.940	0.939	0.951	0.865	0.782	0.685	0.676	0.695	9
10	0.907	0.933	---	0.932	0.939	0.942	0.934	0.868	0.783	0.708	0.669	0.704	10
11	0.915	0.935	---	0.931	0.940	0.935	0.923	0.858	0.778	0.700	0.667	0.713	11
12	0.916	---	---	0.936	0.942	0.932	0.920	0.846	0.773	0.690	0.665	0.709	12
13	0.920	---	---	0.929	0.942	0.929	0.913	0.842	0.769	0.711	0.670	0.709	13
14	0.917	---	---	0.930	0.937	0.935	0.911	0.827	0.761	0.717	0.663	0.702	14
15	0.916	---	---	0.932	0.943	0.937	0.908	0.832	0.755	0.718	0.671	0.701A	15
16	0.920	---	---	0.933	0.938	0.934	0.912	0.835	0.756	0.715	0.676	0.701E	16
17	0.918	---	---	0.934	0.939	0.929	0.916	0.827	0.750	0.719	0.673	0.701E	17
18	0.918	---	---	0.934	0.939	0.944	0.910	0.821	0.739	0.703	0.675	0.701E	18
19	0.913	---	---	0.937	0.942	0.941	0.900	0.818	0.738	0.707	0.679	0.701E	19
20	0.918	---	---	0.931	0.940	0.944	0.901	0.820	0.728	0.706	0.681	0.701E	20
21	0.925	---	---	0.936	0.934	0.942	0.900	0.820	0.726	0.702	0.675	0.701E	21
22	0.923	---	---	0.939	0.927	0.948	0.896	0.838	0.727	0.690	0.675	0.701E	22
23	0.927	---	---	0.941	0.932	0.950	0.900	0.851	0.734	0.696	0.679	0.700E	23
24	0.924	---	---	0.939	0.932	0.958	0.907	0.849	0.719	0.683	0.681	0.700E	24
25	0.926	---	---	0.940	0.937	0.956	0.900	0.847	0.713	0.672	0.676	0.700E	25
26	0.927	---	---	0.941	0.931	0.957	0.904	0.845	0.712	0.666	0.682	0.700E	26
27	0.928	---	---	0.943	0.933	0.953	0.908	0.844	0.717	0.672	0.680	0.700E	27
28	0.926	---	---	0.938	0.927	0.952	0.899	0.837	0.714	0.673	0.692	0.700E	28
29	0.926		---	0.934	0.919	0.957	0.884	0.823	0.703	0.671	0.684	0.700E	29
30	0.929		---	0.938	0.925	0.959	0.880	0.802	0.704	0.685	0.678	0.700E	30
31	0.929		0.925		0.925		0.880	0.805		0.697		0.700A	31
MEAN	0.917	---	---	0.933	0.937	0.940	0.921	0.845	0.753	0.696	0.678	0.697	MEAN
MAX	0.929	---	---	0.943	0.948	0.959	0.986	0.882	0.803	0.719	0.695	0.713	MAX
MIN	0.902	---	---	0.916	0.919	0.923	0.880	0.802	0.703	0.666	0.663	0.675	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 0.986 ON JUL 8
MINIMUM DAILY, 0.663 ON NOV 14
MAXIMUM INSTANTANEOUS,
1.043 AT 05:39 CST ON JUL 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 05 N
LONG 102 05 20 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

ANGLIN LAKE RESERVOIR - STATION NO. 05GG005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515.384	515.468	515.514	515.532	515.630	515.411	515.429	515.379	515.268	515.194	515.252	515.319	1
2	515.387	515.470	515.513	515.536	515.631	515.404	515.423	515.380	515.276	515.201	515.256	515.320	2
3	515.391	515.471	515.515	515.538	515.632	515.392	515.415	515.387	515.252	515.202	515.259	515.320	3
4	515.393	515.473	515.516	515.539	515.625	515.387	515.414	515.389	515.250	515.203	515.259	515.321	4
5	515.394	515.476	515.517	515.541	515.615	515.386	515.407	515.404	515.247	515.201	515.260	515.323	5
6	515.397	515.478	515.518	515.555	515.606	515.379	515.403	515.401	515.241	515.200	515.261	515.324	6
7	515.400	515.480	515.520	515.560	515.595	515.389	515.407	515.402	515.236	515.202	515.266	515.322	7
8	515.403	515.483	515.520	515.559	515.587	515.394	515.395	515.397	515.229	515.203	515.267	515.323	8
9	515.407	515.483	515.521	515.557	515.566	515.391	515.408	515.388	515.229	515.210	515.267	515.323	9
10	515.409	515.484	515.522	515.553	515.553	515.386	515.406	515.381	515.228	515.213	515.269	515.327	10
11	515.411	515.485	515.524	515.550	515.537	515.381	515.403	515.383	515.221	515.218	515.271	515.330	11
12	515.414	515.484	515.525	515.557	515.526	515.376	515.400	515.368	515.219	515.233	515.272	515.333	12
13	515.417	515.486	515.525	515.554	515.525	515.380	515.396	515.366	515.217	515.219	515.274	515.334	13
14	515.419	515.494	515.523	515.550	515.528	515.372	515.399	515.356	515.215	515.214	515.276	515.336	14
15	515.421	515.494	515.520	515.548	515.517	515.364	515.409	515.346	515.211	515.210	515.288	515.336	15
16	515.424	515.497	515.519	515.550	515.498	515.365	515.408	515.337	515.202	515.218	515.291	515.338	16
17	515.427	515.500	515.517	515.558	515.485	515.406	515.402	515.334	515.199	515.233	515.293	515.337	17
18	515.430	515.501	515.517	515.564	515.476	515.401	515.399	515.331	515.203	515.221	515.295	515.339	18
19	515.432	515.504	515.517	515.571	515.472	515.407	515.405	515.324	515.200	515.228	515.296	515.341	19
20	515.433	515.505	515.521	515.583	515.476	515.412	515.405	515.316	515.193	515.232	515.298	515.350	20
21	515.436	515.505	515.528	515.593	515.481	515.416	515.403	515.310	515.194	515.230	515.300	515.360	21
22	515.439	515.507	515.527	515.597	515.477	515.417	515.400A	515.310	515.199	515.227	515.304	515.362	22
23	515.442	515.508	515.526	515.597	515.459	515.426	515.396E	515.307	515.203	515.226	515.305	515.364	23
24	515.447	515.510	515.526	515.599	515.451	515.434	515.391E	515.327	515.204	515.228	515.306	515.365	24
25	515.452	515.512	515.524	515.601	515.441	515.438	515.387E	515.324	515.205	515.231	515.307	515.366	25
26	515.455	515.513	515.523	515.606	515.430	515.430	515.382E	515.316	515.219	515.235	515.310	515.367	26
27	515.457	515.514	515.521	515.611	515.428	515.442	515.378E	515.306	515.202	515.234	515.311	515.368	27
28	515.459	515.513	515.520	515.616	515.437	515.437	515.375A	515.294	515.201	515.235A	515.313	515.367	28
29	515.461		515.523	515.629	515.431	515.428	515.375	515.297	515.203	515.238A	515.315	515.369E	29
30	515.463		515.526	515.634	515.424	515.429	515.383	515.296	515.202	515.244	515.316	515.372E	30
31	515.465		515.527		515.416		515.385	515.282		515.250		515.374E	31
MEAN	515.425	515.493	515.521	515.571	515.515	515.403	515.400	515.346	515.219	515.220	515.285	515.343	MEAN
MAX	515.465	515.514	515.528	515.634	515.632	515.442	515.429	515.404	515.276	515.250	515.316	515.374	MAX
MIN	515.384	515.468	515.513	515.532	515.416	515.364	515.375	515.282	515.193	515.194	515.252	515.319	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 515.395
MAXIMUM DAILY, 515.634 ON APR 30
MINIMUM DAILY, 515.193 ON SEP 20
MAXIMUM INSTANTANEOUS,
515.637 AT 08:22 CST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ANTELOPE CREEK NEAR CABRI - STATION NO. 05HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.052B	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.041B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.029B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.027B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.015B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.016B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.013B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.006B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.005B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.003	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.002	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0	0	0	0	0	0	0	0	---	---	14
15	---	0.010B	0	0	0	0	0	0	0	0	---	---	15
16	---	0.800B	0	0	0	0	0	0	0	0	---	---	16
17	---	1.20 B	0	0	0	0	0	0	0	0	---	---	17
18	---	1.20 B	0	0	0	0	0	0	0	0	---	---	18
19	---	1.10 B	0	0	0	0	0	0	0	0	---	---	19
20	---	0.700B	0	0	0	0	0	0	0	0	---	---	20
21	---	0.500B	0	0	0	0	0	0	0	0	---	---	21
22	---	0.330B	0	0	0	0	0	0	0	0	---	---	22
23	---	0.249B	0	0	0	0	0	0	0	0	---	---	23
24	---	0.161B	0	0	0	0	0	0	0	0	---	---	24
25	---	0.131B	0	0	0	0	0	0	0	0	---	---	25
26	---	0.100B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.076B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.063B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	6.620	0.217	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.236	0.007	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	1.20	0.052	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.052B ON MAR 1
MINIMUM DAILY, 0 ON MAR 13
MAXIMUM INSTANTANEOUS,
1.50B ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 108 22 50 W
DRAINAGE AREA, 244 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	572	AUG	0
MAR	18.3	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 18.3 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

ANTLER RIVER NEAR WAUCHOPE - STATION NO. 05NF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.060B	0B	0	0	0	0	0	0	---	---	1
2	---	---	0.054B	0	0	0	0	0	0	0	---	---	2
3	---	---	0.048B	0	0	0	0	0	0	0	---	---	3
4	---	---	0.042B	0	0	0	0	0	0	0	---	---	4
5	---	---	0.037B	0	0	0	0	0	0	0	---	---	5
6	---	---	0.032B	0	0	0	0	0	0	0	---	---	6
7	---	---	0.028B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.025B	0	0	0	0	0	0	0	---	---	8
9	---	---	0.025B	0	0	0	0	0	0	0	---	---	9
10	---	---	0.025B	0	0	0	0	0	0	0	---	---	10
11	---	---	0.027B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.026B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.025B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.022B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.019B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.016B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.012B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.011B	0	0	0	0	0	0	0	---	---	18
19	---	---	0.010B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.009B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.007B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.006B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.005B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.005B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.004B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.003B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.002B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.002B	0	0	0	0	0	0	0	---	---	28
29	---		0.002B	0	0	0	0	0	0	0	---	---	29
30	---		0.001B	0	0	0	0	0		0		---	30
31	---		0.001B		0		0	0		0		---	31
TOTAL	---	---	0.591	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.019	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.060	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.060B ON MAR 1
MINIMUM DAILY, 0B ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 03 N
LONG 101 50 52 W
DRAINAGE AREA, 349 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	51.1	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 51.1 dam³

ARCOLA INDEX RESERVOIR - STATION NO. 05NC006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	29.820E	29.850E	29.809	29.721	29.580	29.479	29.321	29.155	28.999	28.958	---	1
2	---	---	---	29.807	29.718	29.573	29.469	29.317	29.146	28.995	28.955	---	2
3	---	---	---	29.806	29.714	29.565	29.458	29.309	29.136	28.994	28.954A	---	3
4	---	---	---	29.803	29.710	29.567	29.448	29.302	29.126	28.989	---	---	4
5	---	---	---	29.799	29.703	29.570	29.435	29.319	29.119	28.985	---	---	5
6	---	---	---	29.796	29.697	29.563	29.422	29.318	29.113	28.981	---	---	6
7	---	---	---	29.794	29.690	29.559	29.409	29.309	29.106	28.976	---	---	7
8	---	---	---	29.788	29.686	29.551	29.396	29.300	29.100	28.972	---	---	8
9	---	---	---	29.783	29.680	29.546	29.382	29.292	29.090	28.975	---	---	9
10	---	---	---	29.780	29.675	29.543	29.369	29.284	29.082	28.971	---	---	10
11	---	---	---	29.773	29.671	29.537	29.372	29.275	29.070	28.967	---	---	11
12	---	---	---	29.774	29.668	29.530	29.384	29.266	29.061	28.986	---	---	12
13	---	---	---	29.773	29.665	29.532	29.383	29.256A	29.051	28.999	---	---	13
14	---	---	---	29.770	29.660	29.540	29.385	29.247E	29.042	28.995	---	---	14
15	---	---	---	29.765	29.654	29.542	29.382	29.238E	29.034	28.992	---	---	15
16	---	---	---	29.759	29.645	29.540	29.376	29.230E	29.026	28.989	---	---	16
17	---	---	---	29.753	29.636	29.544	29.369	29.222E	29.019	28.990	---	---	17
18	---	---	---	29.748	29.630	29.544	29.369	29.214E	29.011	28.985	---	---	18
19	---	---	---	29.742	29.622	29.541	29.374	29.207E	29.002	28.981	---	---	19
20	---	---	---	29.736	29.614	29.539	29.370	29.200E	28.996	28.978	---	---	20
21	---	---	---	29.734	29.607	29.539	29.364	29.195E	28.990	28.975	---	---	21
22	---	---	---	29.732	29.609	29.543	29.358	29.190E	28.992	28.970	---	---	22
23	---	29.853A	---	29.728	29.607	29.537	29.366	29.187E	28.989	28.967	---	---	23
24	---	---	---	29.723	29.616	29.533	29.362	29.185E	28.985	28.967	---	---	24
25	---	---	---	29.719	29.615	29.525	29.358	29.195E	28.989	28.964	---	---	25
26	---	---	---	29.717	29.612	29.517	29.350	29.196A	29.010	28.964	---	---	26
27	---	---	---	29.716	29.607	29.509	29.339	29.190	29.006	28.962	---	---	27
28	---	29.850E	---	29.716	29.604	29.501	29.331	29.181	29.000	28.960	---	---	28
29	---		---	29.725	29.601	29.494	29.328	29.173	28.996	28.960	---	---	29
30	---		29.810A	29.726	29.595	29.485	29.327	29.166	29.000	28.962	---	---	30
31	---		29.811		29.589		29.327	29.162		28.961		---	31
MEAN	---	---	---	29.760	29.649	29.540	29.382	29.240	29.048	28.978	---	---	MEAN
MAX	---	---	---	29.809	29.721	29.580	29.479	29.321	29.155	28.999	---	---	MAX
MIN	---	---	---	29.716	29.589	29.485	29.327	29.162	28.985	28.960	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 08 N
LONG 102 34 06 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ARM RIVER NEAR BETHUNE - STATION NO. 05JH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.060B	0.041B	0.233	0.001	0.001	0.020	0.001	0.001	0.016	---	1
2	---	0 B	0.100B	0.040B	0.227	0.001	0.001	0.036	0.001	0.001	0.017	---	2
3	---	0 B	0.140B	0.037B	0.196	0.001	0.001	0.025	0.001	0	0.019	---	3
4	---	0 B	0.188B	0.033B	0.167	0.001	0.001	0.016	0.001	0	0.017	---	4
5	---	0 B	0.176B	0.028B	0.124	0.001	0.001	0.009	0.001	0	0.012	---	5
6	---	0 B	0.144B	0.024E	0.085	0.001	0.001	0.009	0.001	0	0.009A	---	6
7	---	0 B	0.120B	0.019E	0.072	0.001	0.001	0.006	0.001	0	---	---	7
8	---	0 B	0.088B	0.014E	0.057	0.001	0.001A	0.003	0.001	0	---	---	8
9	---	0 B	0.070B	0.008A	0.038	0.001	0.001E	0.002	0.001	0	---	---	9
10	---	0 B	0.060B	0.004	0.028	0.001	0.001E	0.001	0.001	0	---	---	10
11	---	0 B	0.051B	0.010	0.022	0.001	0 E	0.001	0.001	0	---	---	11
12	---	0 B	0.045B	0.022	0.013	0.001	0 E	0.001	0.001	0.001	---	---	12
13	---	0 B	0.042B	0.016	0.012	0.001	0.001E	0.001	0.001	0.001	---	---	13
14	---	0 B	0.038B	0.016	0.007	0.001	0.001A	0.001	0	0.001	---	---	14
15	---	0 B	0.035B	0.014	0.001	0.001	0.001	0.001	0	0.035	---	---	15
16	---	0 B	0.032B	0.012	0.001	0.052	0.001	0.001	0	0.050	---	---	16
17	---	0 B	0.029B	0.003	0.003	0.053	0.001	0.001	0	0.029	---	---	17
18	---	0.030B	0.026B	0.004	0.001	0.022	0.001	0.001	0	0.022	---	---	18
19	---	0.096B	0.023B	0.003	0.001	0.008	0.001	0.001	0	0.017	---	---	19
20	---	0.116B	0.020B	0.289	0.001	0.003	0.001	0.001	0	0.013	---	---	20
21	---	0.124B	0.019B	0.420	0.001	0.003	0.001	0.001	0	0.010	---	---	21
22	---	0.124B	0.019B	0.437	0.001	0.001	0.001	0.001	0	0.016	---	---	22
23	---	0.121B	0.020B	0.380	0.001	0.001	0.007	0.001	0	0.020	---	---	23
24	---	0.062B	0.021B	0.282	0.001	0.001	0.033	0.001	0	0.019	---	---	24
25	---	0.060B	0.024B	0.257	0.001	0.001	0.035	0.001	0	0.019	---	---	25
26	---	0.062B	0.027B	0.242	0.001	0.001	0.013	0.001	0.001	0.013	---	---	26
27	---	0.066B	0.031B	0.235	0.001	0.001	0.006	0.001	0.001	0.009	---	---	27
28	---	0.072B	0.035B	0.245	0.001	0.001	0.003	0.001	0.001	0.006	---	---	28
29	---		0.038B	0.275	0.001	0.001	0.002	0.001	0.001	0.008	---	---	29
30	---		0.040B	0.244	0.001	0.001	0.015	0.001	0.001	0.011	---	---	30
31	---		0.041B		0.001		0.018	0.001		0.011		---	31
TOTAL	---	0.933	1.802	3.654	1.300	0.165	0.152	0.148	0.018	0.313	---	---	TOTAL
MEAN	---	0.033	0.058	0.122	0.042	0.006	0.005	0.005	0.001	0.010	---	---	MEAN
MAX	---	0.124	0.188	0.437	0.233	0.053	0.035	0.036	0.001	0.050	---	---	MAX
MIN	---	0	0.019	0.003	0.001	0.001	0	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.437 ON APR 22
MINIMUM DAILY, 0E ON JUL 11
MAXIMUM INSTANTANEOUS,
0.491B AT 17:21 CST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 12 N
LONG 105 11 28 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.1
FEB	80.6	AUG	12.8
MAR	156	SEP	1.56
APR	316	OCT	27.0
MAY	112	NOV	---
JUN	14.3	DEC	---

TOTAL DISCHARGE, 653 dam³

ASSINIBOINE RIVER AT KAMSACK - STATION NO. 05MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.274B	0.187B	0.297B	3.46B	2.70	0.780	1.17	2.00	0.215	0.045	1.96	0.884B	1
2	0.256B	0.156B	0.281B	3.35B	2.74	0.784	1.19	1.32	0.192	0.037	1.97	0.859B	2
3	0.243B	0.145B	0.263B	3.32B	2.76	0.820	1.02	1.14	0.166	0.027	2.03	0.859B	3
4	0.225B	0.136B	0.274B	3.47B	2.66	1.09	0.968	0.984	0.167	0.026	2.06	0.875B	4
5	0.233B	0.146B	0.292B	3.78B	2.65	1.29	0.909	0.891	0.162	0.022	2.31	0.839B	5
6	0.268B	0.169B	0.277B	4.27B	2.58	0.990	0.871	0.975	0.155	0.026	2.19	0.769B	6
7	0.226B	0.196B	0.366B	4.86B	2.48	0.915	0.850	0.976	0.148	0.055	2.38	0.797B	7
8	0.194B	0.202B	0.416B	6.59B	2.30	0.824	0.835	1.04	0.153	0.091	2.49	0.789B	8
9	0.212B	0.210B	0.472B	8.76B	2.24	0.723	0.762	1.26	0.154	0.205	2.04	0.771B	9
10	0.183B	0.231B	0.487B	9.28B	2.34	0.697	0.730	1.29	0.161	0.385	2.04	0.752B	10
11	0.171B	0.231B	0.519B	9.19B	2.25	0.677	0.690	1.08	0.154	0.571	1.93	0.733B	11
12	0.189B	0.205B	0.605B	8.90B	2.27 A	0.667	0.653	0.864	0.147	0.850	1.77	0.693B	12
13	0.196B	0.199B	0.916B	8.08B	2.17 A	0.698	0.625	0.729	0.136	1.01	1.70	0.655B	13
14	0.174B	0.227B	1.37 B	6.42B	2.10 A	0.790	0.651	0.605	0.135	1.10	1.68	0.643B	14
15	0.093B	0.258B	2.52 B	5.57B	1.90	0.833	0.739	0.512	0.137	1.26	1.91	0.592B	15
16	0.068B	0.251B	3.71 B	5.57B	1.74	0.744	2.56	0.443	0.143	2.00	2.00	0.553B	16
17	0.064B	0.220B	3.24 B	4.59B	1.63	0.779	2.52	0.382	0.137	2.54	1.75	0.523B	17
18	0.115B	0.143B	2.42 B	4.19B	1.41	1.42	1.60	0.328	0.121	3.13	1.49 B	0.531B	18
19	0.212B	0.136B	1.78 B	3.89	1.29	3.37	1.06	0.285	0.107	3.45	1.29 B	0.497B	19
20	0.203B	0.175B	1.26 B	3.68	1.18	3.48	0.898	0.237	0.092	2.81	1.28 B	0.496B	20
21	0.205B	0.164B	1.47 B	3.44	1.09	3.32	0.974	0.212	0.081	2.37	1.20 B	0.532B	21
22	0.189B	0.136B	2.07 B	3.20	0.984	3.04	0.960	0.225	0.080	2.10	1.15 B	0.519B	22
23	0.154B	0.133B	2.57 B	3.11	0.958	2.71	0.965	0.330	0.075	2.12	1.19 B	0.487B	23
24	0.165B	0.100B	2.81 B	3.06	0.971	2.48	2.26	0.216	0.068	2.23	1.19 B	0.453B	24
25	0.167B	0.135B	3.30 B	2.98	1.08	2.27	2.54	0.207	0.063	2.14	1.10 B	0.446B	25
26	0.246B	0.144B	3.78 B	2.89	1.06	1.96	1.62	0.207	0.076	2.12	1.00 B	0.439B	26
27	0.208B	0.220B	3.81 B	2.82	1.00	1.72	1.43	0.200	0.066	2.32	0.955B	0.444B	27
28	0.185B	0.215B	3.61 B	2.84	0.982	1.66	1.54	0.214	0.059	2.25	0.937B	0.427B	28
29	0.185B		3.45 B	2.83	0.969	1.64	1.27	0.293	0.055	2.12	0.927B	0.431B	29
30	0.156B		3.45 B	2.70	0.879	1.35	1.18	0.276	0.050	2.06	0.912B	0.447B	30
31	0.153B		3.43 B		0.825		2.77	0.249		1.98		0.445B	31
TOTAL	5.812	5.070	55.515	141.09	54.188	44.521	38.810	19.970	3.655	43.450	48.831	19.180	TOTAL
MEAN	0.187	0.181	1.79	4.70	1.75	1.48	1.25	0.644	0.122	1.40	1.63	0.619	MEAN
MAX	0.274	0.258	3.81	9.28	2.76	3.48	2.77	2.00	0.215	3.45	2.49	0.884	MAX
MIN	0.064	0.100	0.263	2.70	0.825	0.667	0.625	0.200	0.050	0.022	0.912	0.427	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 9.28B ON APR 10
MINIMUM DAILY, 0.022 ON OCT 5
MAXIMUM INSTANTANEOUS,
9.92B AT 08:30 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 101 54 58 W
DRAINAGE AREA, 12 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	502	JUL	3 350
FEB	438	AUG	1 730
MAR	4 800	SEP	316
APR	12 200	OCT	3 750
MAY	4 680	NOV	4 220
JUN	3 850	DEC	1 660

TOTAL DISCHARGE, 41 500 dam³

ASSINIBOINE RIVER AT STURGIS - STATION NO. 05MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.082B	2.85	1.79	0.148	0.121	0.544	0.099	0.071	1.77	---	1
2	---	---	0.082B	3.63	1.78	0.134	0.122	0.706	0.096	0.071	1.59	---	2
3	---	---	0.082B	4.75	1.76	0.134	0.120	0.486	0.091	0.076	1.57A	---	3
4	---	---	0.082B	5.57	1.67	0.137	0.118	0.537	0.087	0.080	---	---	4
5	---	---	0.083B	6.10	1.64	0.140	0.115	0.849	0.084	0.080	---	---	5
6	---	---	0.083B	6.77	1.59	0.135	0.109	0.847	0.080	0.080	---	---	6
7	---	---	0.084B	6.76	1.45	0.143	0.104	0.529	0.077	0.079	---	---	7
8	---	---	0.084B	6.00	1.40	0.140	0.103	0.214	0.074	0.078	---	---	8
9	---	---	0.085B	5.68	1.34	0.136	0.096	0.198	0.071E	0.080	---	---	9
10	---	---	0.085B	5.12	1.28	0.126	0.089	0.230	0.069E	0.084	---	---	10
11	---	---	0.130B	4.57	1.30	0.126	0.081	0.300	0.067E	0.088	---	---	11
12	---	---	0.200B	4.09	1.22	0.120	0.075	0.306	0.065E	0.931	---	---	12
13	---	---	0.260B	3.49	1.12	0.115	0.068	0.191	0.062E	1.89	---	---	13
14	---	---	0.400B	3.20	1.04	0.460	0.066	0.152	0.060E	1.57	---	---	14
15	---	---	0.620B	3.11	0.962	0.806	0.071	0.141	0.058E	1.37	---	---	15
16	---	---	0.940B	2.99	0.867	0.668	0.092	0.131	0.055E	1.20	---	---	16
17	---	---	1.32 B	2.85	0.818	0.534	0.100	0.124	0.053E	1.13	---	---	17
18	---	---	2.00 B	2.77	0.688	0.409	0.105	0.140	0.051E	1.12	---	---	18
19	---	---	1.20 B	2.62	0.581	0.291	0.103	0.180	0.050E	1.22	---	---	19
20	---	---	1.00 B	2.55	0.518	0.185	0.097	0.186	0.048E	1.28	---	---	20
21	---	---	1.10 B	2.42	0.497	0.188	0.090	0.159	0.046E	1.17	---	---	21
22	---	---	1.15 B	2.27	0.390	0.489	0.083	0.134	0.044E	1.48	---	---	22
23	---	---	1.20 B	2.18	0.258	0.283	0.081	0.123	0.043E	1.21	---	---	23
24	---	---	1.25 B	2.08	0.216	0.248	0.095	0.118	0.042E	1.14	---	---	24
25	---	---	1.32 B	2.10	0.187	0.189	0.094	0.115	0.040E	1.12	---	---	25
26	---	---	1.42 B	1.96	0.171	0.171	0.089	0.114	0.060E	1.16	---	---	26
27	---	---	1.50 B	1.86	0.160	0.161	0.083	0.113	0.071	1.13	---	---	27
28	---	---	1.71 B	1.87	0.164	0.151	0.076	0.111	0.070	1.08	---	---	28
29	---		1.81	1.88	0.155	0.141	0.069	0.107	0.070	1.15	---	---	29
30	---		2.02	1.85	0.164	0.131	0.574	0.104	0.071	1.28	---	---	30
31	---		2.56		0.197		1.02	0.102		1.37		---	31
TOTAL	---	---	25.942	105.94	27.373	7.239	4.309	8.291	1.954	25.868	---	---	TOTAL
MEAN	---	---	0.837	3.53	0.883	0.241	0.139	0.267	0.065	0.834	---	---	MEAN
MAX	---	---	2.56	6.77	1.79	0.806	1.02	0.849	0.099	1.89	---	---	MAX
MIN	---	---	0.082	1.85	0.155	0.115	0.066	0.102	0.040	0.071	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.845
MAXIMUM DAILY, 6.77 ON APR 6
MINIMUM DAILY, 0.040E ON SEP 25
MAXIMUM INSTANTANEOUS,
7.11 AT 21:20 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 23 N
LONG 102 32 49 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	372
FEB	---	AUG	716
MAR	2 240	SEP	169
APR	9 150	OCT	2 230
MAY	2 370	NOV	---
JUN	625	DEC	---

TOTAL DISCHARGE, 17 900 dam³

AVONLEA CREEK NEAR ROULEAU - STATION NO. 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.005B	0.001	0	0.018	0.067	0.247	0	0	0	---	1
2	---	0 B	0.005B	0.001	0.002	0.018	0.063	0.136	0	0	0	---	2
3	---	0 B	0.005B	0	0.007	0.017	0.072	0.152	0	0	---	---	3
4	---	0 B	0.005B	0	0	0.014	0.084	0.177	0	0	---	---	4
5	---	0 B	0.005B	0	0.003	0.014	0.095	0.200	0	0	---	---	5
6	---	0 B	0.004B	0	0.001	0.014	0.100	0.198	0	0	---	---	6
7	---	0 B	0.004B	0	0	0.014	0.178	0.287	0	0	---	---	7
8	---	0 B	0.004B	0	0	0.012	0.197	0.240	0	0	---	---	8
9	---	0 B	0.004B	0	0	0.013	0.165	0.233	0	0	---	---	9
10	---	0 B	0.004B	0	0	0.011	0.130	0.119	0	0	---	---	10
11	---	0 B	0.004B	0	0	0.011	0.106	0.052	0	0	---	---	11
12	---	0 B	0.004B	0	0	0.012	0.149	0.047	0	0.025	---	---	12
13	---	0 B	0.004B	0	0	0.102	0.139	0.037	0	0.049	---	---	13
14	---	0 B	0.004B	0	0	0.032	0.218	0.026	0	0.018	---	---	14
15	---	0.050B	0.004B	0	0	0.021	0.169	0.018	0	0.010	---	---	15
16	---	0.150B	0.005B	0	0	0.016	0.203	0.013	0	0.005	---	---	16
17	---	0.450B	0.005B	0	0	0.011	0.172	0.005	0	0.001	---	---	17
18	---	0.176B	0.005B	0	0	0.008	0.212	0.001	0	0	---	---	18
19	---	0.054B	0.005B	0	0	0.011	0.200	0	0	0	---	---	19
20	---	0.034B	0.003B	0	0	0.016	0.193	0	0	0	---	---	20
21	---	0.023B	0.001B	0.005	0	0.025	0.264	0	0	0	---	---	21
22	---	0.015B	0.001B	0.020	0	0.061	0.291	0	0	0	---	---	22
23	---	0.009B	0.001B	0.022	0	0.060	0.216	0	0	0	---	---	23
24	---	0.005B	0.001B	0.015	0.002	0.064	0.434	0	0	0	---	---	24
25	---	0.005B	0.001B	0.002	0.019	0.088	0.485	0	0	0	---	---	25
26	---	0.005B	0.001B	0.001	0.006	0.065	0.336	0	0	0	---	---	26
27	---	0.005B	0.001B	0.001	0.015	0.058	0.177	0	0	0	---	---	27
28	---	0.005B	0.001B	0	0.019	0.061	0.141	0	0	0	---	---	28
29	---		0.001B	0	0.031	0.067	0.122	0	0	0	---	---	29
30	---		0.001	0	0.030	0.062	0.107	0	0	0	---	---	30
31	---		0.001		0.017		0.274	0		0		---	31
TOTAL	---	0.986	0.099	0.068	0.152	0.996	5.759	2.188	0	0.108	---	---	TOTAL
MEAN	---	0.035	0.003	0.002	0.005	0.033	0.186	0.071	0	0.003	---	---	MEAN
MAX	---	0.450	0.005	0.022	0.031	0.102	0.485	0.287	0	0.049	---	---	MAX
MIN	---	0	0.001	0	0	0.008	0.063	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.485 ON JUL 25
MINIMUM DAILY, 0 ON APR 3
MAXIMUM INSTANTANEOUS,
0.521B AT 00:00 CST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 50 N
LONG 104 59 27 W
DRAINAGE AREA, 963 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	498
FEB	85.2	AUG	189
MAR	8.55	SEP	0
APR	5.88	OCT	9.33
MAY	13.1	NOV	---
JUN	86.1	DEC	---

TOTAL DISCHARGE, 810 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

AVONLEA INDEX RESERVOIR - STATION NO. 05JE010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	25.847	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	25.989	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	26.873	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	27.285	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	26.628	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	27.204	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 50 N
LONG 105 06 30 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AVONLEA RESERVOIR NEAR AVONLEA - STATION NO. 05JE007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	596.037	596.037	596.591	596.587	596.406	596.118	596.814	596.480	596.284	596.128	596.111	---	1
2	596.037	596.033	596.595	596.583	596.380	596.109	596.800	596.462	596.259	596.127	596.110	---	2
3	596.037	596.032	596.597	596.583	596.374	596.099	596.795	596.449	596.260	596.121	596.108	---	3
4	596.037	596.033	596.598	596.577	596.373	596.082	596.785	596.433	596.262	596.121	596.098	---	4
5	596.038	596.032	596.598	596.578	596.371	596.070	596.778	596.426	596.250	596.119	596.098	---	5
6	596.038	596.033	596.596	596.558	596.364	596.065	596.761	596.435	596.248	596.118	596.098	---	6
7	596.037	596.028	596.595	596.560	596.357	596.050	596.744	596.421	596.244	596.117	596.090	---	7
8	596.037	596.028	596.595	596.561	596.352	596.048	596.712	596.408	596.242	596.111	596.090	---	8
9	596.037	596.028	596.593	596.559	596.350	596.046	596.699	596.403	596.236	596.115	596.090	---	9
10	596.036	596.027	596.594	596.549	596.345	596.038	596.686	596.401	596.221	596.114	596.090	---	10
11	596.037	596.027	596.595	596.560	596.340	596.036	596.666	596.393	596.220	596.107	596.091	---	11
12	596.040	596.026	596.593	596.547	596.340	596.032	596.658	596.389	596.213	596.112	596.091	---	12
13	596.041	596.027	596.593	596.539	596.340	596.048	596.647	596.381	596.208	596.130	596.088	---	13
14	596.040	596.028	596.593	596.541	596.340	596.098	596.635	596.375	596.203	596.136	596.087	---	14
15	596.040	596.030	596.592	596.539	596.331	596.331	596.611	596.374	596.198	596.136	596.082	---	15
16	596.039	596.055	596.593	596.524	596.327	596.601	596.591	596.368	596.193	596.138	596.081	---	16
17	596.042	596.106	596.589	596.522	596.323	596.778	596.577	596.362	596.187	596.123	596.079	---	17
18	596.042	596.179	596.587	596.524	596.325	596.836	596.585	596.356	596.183	596.126	596.084	---	18
19	596.039	596.278	596.585	596.522	596.318	596.865	596.600	596.352	596.178	596.128	596.087	---	19
20	596.041	596.370	596.585	596.508	596.310	596.883	596.596	596.347	596.160	596.119	596.090	---	20
21	596.040	596.439	596.590	596.479	596.306	596.888	596.605	596.340	596.157	596.114	596.089	---	21
22	596.039	596.487	596.589	596.458	596.295	596.895	596.594	596.336	596.142	596.111	596.090	---	22
23	596.039	596.528	596.590	596.446	596.274	596.883	596.579	596.330	596.128	596.112	596.088	---	23
24	596.040	596.548	596.589	596.442	596.253	596.871	596.564	596.331	596.124	596.113	596.091	---	24
25	596.040	596.567	596.588	596.435	596.235	596.867	596.554	596.332	596.121	596.114	596.091	---	25
26	596.038	596.575	596.588	596.435	596.223	596.860	596.550	596.326	596.120	596.114	596.093	---	26
27	596.036	596.580	596.586	596.432	596.206	596.844	596.542	596.322	596.128	596.114	596.095	---	27
28	596.036	596.587	596.585	596.428	596.175	596.834	596.535	596.318	596.135	596.117	596.093	---	28
29	596.035		596.587	596.422	596.151	596.829	596.525	596.308	596.135	596.115	596.096	---	29
30	596.036		596.583	596.416	596.140	596.822	596.511	596.293	596.131	596.104	596.090	---	30
31	596.036		596.581		596.132		596.494	596.278		596.109		---	31
MEAN	596.038	596.205	596.591	596.514	596.302	596.461	596.638	596.372	596.192	596.119	596.092	---	MEAN
MAX	596.042	596.587	596.598	596.587	596.406	596.895	596.814	596.480	596.284	596.138	596.111	---	MAX
MIN	596.035	596.026	596.581	596.416	596.132	596.032	596.494	596.278	596.120	596.104	596.079	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 596.895 ON JUN 22
MINIMUM DAILY, 596.026 ON FEB 12
MAXIMUM INSTANTANEOUS,
596.900 AT 18:52 CST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 10 N
LONG 105 00 23 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BALLANTYNE RIVER ABOVE BALLANTYNE BAY - STATION NO. 05KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.43B	1.16 B	1.49 B	3.04B	14.4	6.58	9.35	3.43	1.24	2.09	1.87B	1.33B	1
2	1.60B	1.12 B	1.55 B	3.13B	14.5	6.18	8.50	3.15	1.25	2.13	1.91B	1.35B	2
3	1.72B	1.06 B	1.44 B	2.80B	15.1	5.75	7.58	3.15	1.32	2.11	1.83B	1.31B	3
4	1.76B	1.02 B	1.20 B	2.78B	14.5	5.44	6.68	3.09	1.36	2.01	1.71B	1.53B	4
5	1.70B	0.985B	1.11 B	2.77B	13.3	5.23	5.85	2.88	1.51	1.91	1.54B	1.28B	5
6	1.46B	0.991B	1.07 B	2.93B	13.3	4.99	5.37	2.64	1.55	1.81	1.57B	1.53B	6
7	1.30B	1.05 B	0.956B	3.15B	13.2	5.03	5.29	2.61	1.59	1.75	1.54B	1.71B	7
8	1.26B	0.988B	0.814B	3.05B	12.9	5.94	6.38	2.51	1.60	1.69	1.48B	1.73B	8
9	1.25B	0.935B	0.766B	2.91B	12.1	6.47	8.82	2.30	1.51	1.81	1.51B	1.89B	9
10	1.25B	0.849B	0.814B	2.72B	11.4	6.29	8.50	2.15A	1.39	2.16	1.43B	1.93B	10
11	1.23B	0.715B	0.985B	2.41B	10.8	5.83	7.43	1.97A	1.33	2.40	1.40B	1.89B	11
12	1.18B	0.583B	1.14 B	2.19B	10.4	5.36	6.38	1.84	1.28	2.43	1.34B	1.81B	12
13	1.11B	0.521B	1.32 B	1.76B	10.1	5.04	5.61	1.75	1.28	2.33	1.18B	1.77B	13
14	1.05B	0.510B	1.58 B	2.14B	9.78	4.63	5.15	1.70	1.20	2.27	1.21B	1.76B	14
15	1.04B	0.560B	1.77 B	1.88B	9.46	4.37	7.09	1.67	1.14	2.21	1.23B	1.77B	15
16	1.07B	0.800B	2.07 B	1.83B	8.93	4.11	10.1	1.61	1.09	2.21	1.33B	1.77B	16
17	1.12B	0.897B	1.84 B	2.21B	8.37	5.16	11.0	1.54	1.08	2.26	1.49B	1.77B	17
18	1.16B	0.729B	1.86 B	2.42B	7.99	9.18	10.0	1.49	1.08	2.36	1.47B	1.75B	18
19	1.21B	0.663B	1.85 B	2.30B	7.78	13.1	8.71	1.46	1.05	2.61	1.35B	1.73B	19
20	1.24B	0.688B	1.89 B	2.22B	7.82	13.9	7.71	1.40	1.01	2.65	1.32B	1.86B	20
21	1.26B	0.869B	1.97 B	2.34B	7.67	13.2	6.87	1.36	0.983	2.24	1.38B	1.96B	21
22	1.27B	1.03 B	1.78 B	2.36B	7.47	12.7	5.99	1.33	1.08	2.08	1.31B	1.99B	22
23	1.28B	1.22 B	1.55 B	2.32B	7.24	14.2	5.43	1.30	1.32	2.19B	1.33B	1.95B	23
24	1.26B	1.22 B	1.48 B	2.43B	6.98	15.7	5.52	1.26	1.60	1.98B	1.35B	1.95B	24
25	1.26B	1.28 B	1.61 B	4.31B	6.66	15.5	5.29	1.32	1.74	2.21B	1.37B	1.91B	25
26	1.25B	1.39 B	1.92 B	8.49B	6.40	14.3	4.83	1.35	1.91	1.97B	1.43B	1.85B	26
27	1.32B	1.40 B	2.15 B	11.1 B	6.35	13.5	4.38	1.41	1.82	1.84B	1.41B	1.80B	27
28	1.37B	1.45 B	2.28 B	10.9 B	6.20	12.7	4.05	1.32	1.77	1.86B	1.37B	1.75B	28
29	1.40B		2.24 B	13.6 B	6.76	11.7	3.87	1.25	1.82	1.76B	1.34B	1.71B	29
30	1.39B		2.19 B	15.1 B	7.45	10.6	3.72	1.24	1.95	1.61B	1.26B	1.66B	30
31	1.28B		2.64 B		7.06		3.61	1.26		1.65B		1.60B	31
TOTAL	40.48	26.683	49.325	123.59	302.37	262.68	205.06	58.74	41.853	64.59	43.26	53.60	TOTAL
MEAN	1.31	0.953	1.59	4.12	9.75	8.76	6.61	1.89	1.40	2.08	1.44	1.73	MEAN
MAX	1.76	1.45	2.64	15.1	15.1	15.7	11.0	3.43	1.95	2.65	1.91	1.99	MAX
MIN	1.04	0.510	0.766	1.76	6.20	4.11	3.61	1.24	0.983	1.61	1.18	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.49
MAXIMUM DAILY, 15.7 ON JUN 24
MINIMUM DAILY, 0.510B ON FEB 14
MAXIMUM INSTANTANEOUS,
16.3 AT 14:55 CST ON JUN 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 40 N
LONG 103 56 30 W
DRAINAGE AREA, 1 860 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 500	JUL	17 700
FEB	2 310	AUG	5 080
MAR	4 260	SEP	3 620
APR	10 700	OCT	5 580
MAY	26 100	NOV	3 740
JUN	22 700	DEC	4 630

TOTAL DISCHARGE, 110 000 dam³

BARRIER RIVER BELOW BARRIER LAKE - STATION NO. 05LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.003B	1.73	0.030E	0.003	0.002	0.002	0.002	0.034	---	1
2	---	---	0 B	0.007B	1.95	0.019E	0.004	0.002	0.002	0.002	0.021	---	2
3	---	---	0 B	0.006B	2.03	0.006E	0.002	0.001	0.002	0.002	0.011A	---	3
4	---	---	0 B	0.003B	2.03	0.001E	0.001	0.001	0.002	0.002	---	---	4
5	---	---	0 B	0.004B	2.02	0 E	0.001	0.001	0.002	0.002	---	---	5
6	---	---	0 B	0.027B	1.98	0 E	0.001	0.001	0.002	0.002	---	---	6
7	---	---	0 B	0.026B	2.02	0 E	0.001	0.001	0.002	0.002	---	---	7
8	---	---	0 B	0.008B	1.93	0 E	0.020	0.001	0.002	0.002	---	---	8
9	---	---	0 B	0.007B	1.63	0 E	0.013	0.002	0.002	0.002	---	---	9
10	---	---	0 B	0.015B	1.07	0 E	0.002	0.002	0.002	0.002	---	---	10
11	---	---	0 B	0.018B	1.10	0 E	0.001	0.002	0.002	0.004	---	---	11
12	---	---	0 B	0.022B	1.08	0 A	0.001	0.002	0.002	0.031	---	---	12
13	---	---	0.003B	0.015B	1.06	0	0.001	0.002	0.002	0.064	---	---	13
14	---	---	0.006B	0.010B	0.976A	0	0.014	0.002	0.002	0.046	---	---	14
15	---	---	0.012B	0.009B	0.920E	0	0.059	0.003	0.002	0.035	---	---	15
16	---	---	0.018B	0.025B	0.850E	0	0.050	0.003	0.002	0.034	---	---	16
17	---	---	0.014B	0.087B	0.790E	0	0.031	0.014	0.002	0.058	---	---	17
18	---	---	0.012B	0.172B	0.730E	0	0.007	0.019	0.002	0.052	---	---	18
19	---	---	0.007B	0.278B	0.679A	0	0.001	0.014	0.002	0.033	---	---	19
20	---	---	0.004B	0.398	0.590E	0	0.001	0.009	0.002	0.026	---	---	20
21	---	---	0.001B	0.623	0.500E	0	0.013	0.005	0.002	0.009	---	---	21
22	---	---	0 B	0.840	0.430E	0	0.017	0.025	0.002	0.005	---	---	22
23	---	---	0 B	1.00	0.350E	0	0.025	0.040	0.002	0.003	---	---	23
24	---	---	0 B	1.10	0.270E	0	0.026	0.016	0.002	0.003	---	---	24
25	---	---	0.001B	1.32	0.230E	0	0.020	0.003	0.003	0.003	---	---	25
26	---	---	0.001B	1.42	0.190E	0	0.009	0.002	0.030	0.003	---	---	26
27	---	---	0.021B	1.51	0.150E	0	0.002	0.002	0.008	0.003	---	---	27
28	---	---	0.064B	1.56	0.100E	0	0.001	0.002	0.002	0.003	---	---	28
29	---		0.047B	1.71	0.070E	0.001	0.001	0.002	0.007	0.005	---	---	29
30	---		0.042B	1.85	0.056E	0.002	0.001	0.002	0.003	0.022	---	---	30
31	---		0.012B		0.040E		0.002	0.002		0.045		---	31
TOTAL	---	---	0.265	14.073	29.551	0.059	0.331	0.185	0.101	0.507	---	---	TOTAL
MEAN	---	---	0.009	0.469	0.953	0.002	0.011	0.006	0.003	0.016	---	---	MEAN
MAX	---	---	0.064	1.85	2.03	0.030	0.059	0.040	0.030	0.064	---	---	MAX
MIN	---	---	0	0.003	0.040	0	0.001	0.001	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 2.03 ON MAY 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.09 AT 22:51 CST ON MAY 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 32 58 N
LONG 103 41 10 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.6
FEB	---	AUG	16.0
MAR	22.9	SEP	8.73
APR	1 220	OCT	43.8
MAY	2 550	NOV	---
JUN	5.10	DEC	---

TOTAL DISCHARGE, 3 900 dam³

BATTLE CREEK AT ALBERTA BOUNDARY - STATION NO. 11AB117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.087B	0.431	0.201	0.215	0.088	0.080	0.041	0.037	---	---	1
2	---	---	0.083B	0.412A	0.209	0.166	0.061	0.081	0.039	0.038	---	---	2
3	---	---	0.080B	0.408	0.187	0.140	0.030	0.077	0.047	0.043	---	---	3
4	---	---	0.094B	0.313	0.160	0.138	0.017	0.099	0.044	0.042	---	---	4
5	---	---	0.106B	0.261	0.150	0.078	0.006	0.099	0.043	0.041	---	---	5
6	---	---	0.123B	0.316	0.200	0.094	0.034	0.109	0.039	0.044	---	---	6
7	---	---	0.132B	0.281	0.387	0.088	0.091	0.096	0.035	0.047	---	---	7
8	---	---	0.130B	0.232	0.590	0.066	0.156	0.088	0.034	0.047	---	---	8
9	---	---	0.118B	0.217	0.447	0.230	0.088	0.079	0.051	0.048	---	---	9
10	---	---	0.113B	0.194	0.322	0.280	0.058	0.100	0.046A	0.044	---	---	10
11	---	---	0.122B	0.192	0.254	0.197	0.028	0.102	0.047E	0.087	---	---	11
12	---	---	0.139B	0.200	0.218	0.167	0.043	0.104	0.046E	0.100	---	---	12
13	---	---	0.177B	0.178	0.210	0.230	0.687	0.101	0.045E	0.090	---	---	13
14	---	---	0.179B	0.163	0.191	3.29	0.386	0.096	0.044E	0.111	---	---	14
15	---	---	0.182B	0.186	0.281	1.89	0.201	0.109	0.044E	0.115	---	---	15
16	---	---	0.198B	0.384	0.910	0.861	0.215	0.096	0.043E	0.129	---	---	16
17	---	---	0.231B	0.473	0.929	0.645	0.217	0.088	0.043E	0.150	---	---	17
18	---	---	0.179B	0.401	0.589	0.573	0.184	0.079	0.042E	0.133	---	---	18
19	---	---	0.152B	0.358	0.449	0.469	0.160	0.069	0.044E	0.125	---	---	19
20	---	---	0.146	0.344	0.372	0.408	0.147	0.069	0.046E	0.118	---	---	20
21	---	---	0.124	0.457	0.325	0.364	0.139	0.079	0.045E	0.092	---	---	21
22	---	---	0.141	0.450	0.225	0.333	0.159	0.072	0.045E	0.092	---	---	22
23	---	---	0.142	0.386	0.196	0.299	0.122	0.058	0.044E	0.092	---	---	23
24	---	0.193B	0.152	0.383	0.232	0.244	0.185	0.049	0.046E	0.095	---	---	24
25	---	0.152B	0.156	0.325	0.209	0.209	0.159	0.043	0.048E	0.100	---	---	25
26	---	0.133B	0.191	0.277	0.171	0.170	0.163	0.040	0.048E	0.100	---	---	26
27	---	0.120B	0.265	0.247	0.065	0.165	0.137	0.035	0.049E	0.086A	---	---	27
28	---	0.099B	0.300	0.220	0.042	0.223	0.120	0.030	0.050E	0.085E	---	---	28
29	---		0.478	0.234	0.046	0.187	0.099	0.028	0.051A	0.084E	---	---	29
30	---		0.554	0.207	0.136	0.134	0.096	0.037	0.039	0.082E	---	---	30
31	---		0.381		0.175		0.089	0.046		0.080E		---	31
TOTAL	---	---	5.655	9.130	9.078	12.553	4.365	2.338	1.328	2.577	---	---	TOTAL
MEAN	---	---	0.182	0.304	0.293	0.418	0.141	0.075	0.044	0.083	---	---	MEAN
MAX	---	---	0.554	0.473	0.929	3.29	0.687	0.109	0.051	0.150	---	---	MAX
MIN	---	---	0.080	0.163	0.042	0.066	0.006	0.028	0.034	0.037	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.192
MAXIMUM DAILY, 3.29 ON JUN 14
MINIMUM DAILY, 0.006 ON JUL 5
MAXIMUM INSTANTANEOUS,
5.81 AT 18:53 CST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 110 00 15 W
DRAINAGE AREA, 111 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	377
FEB	---	AUG	202
MAR	489	SEP	115
APR	789	OCT	223
MAY	784	NOV	---
JUN	1 080	DEC	---

TOTAL DISCHARGE, 4 060 dam³

BATTLE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.646	0.193	0.113	0.126	0.155	0.173	0	0	---	---	1
2	---	---	0.503	0.267	0.291	0.089	0.116	0.114	0	0	---	---	2
3	---	---	0.462	0.203	0.218	1.18	0.170	0.109	0	0	---	---	3
4	---	---	0.690	0.149	0.379	1.21	0.229	0.114	0	0	---	---	4
5	---	---	0.745	0.107	0.526	0.955	0.226	0.100	0	0	---	---	5
6	---	---	0.676	0.071	0.486	0.604	0.226	0.095	0	0	---	---	6
7	---	---	0.611	0.069	0.794	0.424	0.236	0.089	0	0	---	---	7
8	---	---	0.571	0.111	0.828	0.389	0.193	0.078	0	0	---	---	8
9	---	---	0.591	0.129	0.863	0.370	0.134	0.063	0	0	---	---	9
10	---	---	0.646	0.116	0.639	0.338	0.098	0.056	0	0	---	---	10
11	---	---	0.690	0.100	0.721	0.287	0.073	0.044	0	0	---	---	11
12	---	---	0.729	0.107	0.485	0.308	0.082	0.034	0	0	---	---	12
13	---	---	0.625	0.098	0.399	0.347	0.152	0.023	0	0	---	---	13
14	---	---	0.375	0.093	0.399	0.394	0.222	0.016	0	0	---	---	14
15	---	---	0.247	0.085	0.503	0.394	0.283	0.010	0	0	---	---	15
16	---	---	0.226	0.066	0.578	0.394	0.491	0.008	0	0	---	---	16
17	---	---	0.321	0.082	0.545	0.409	0.394	0.006	0	0	---	---	17
18	---	---	0.370	0.247	0.828	0.394	0.706	0.005	0	0	---	---	18
19	---	---	0.203	0.251	2.05	0.514	0.552	0.003	0	0	---	---	19
20	---	---	0.287	0.190	1.69	1.20	0.676	0.001	0	0	---	---	20
21	---	---	0.190	0.126	1.55	0.828	0.713	0.001	0	0	---	---	21
22	---	---	0.296	0.100	1.72	0.618	0.571	0	0	0	---	---	22
23	---	---	0.300	0.098	1.66	0.451	0.399	0	0	0	---	---	23
24	---	---	0.200	0.143	1.40	0.409	0.316	0	0	0	---	---	24
25	---	---	0.186	0.102	1.16	0.308	0.296	0	0	0	---	---	25
26	---	---	0.255	0.073	1.07	0.226	0.226	0	0	0	---	---	26
27	---	---	0.296	0.065	0.899	0.271	0.316	0	0	0	---	---	27
28	---	0.632A	0.218	0.074	0.508	0.263	0.300	0	0	0	---	---	28
29	---		0.161	0.082	0.312	0.244	0.275	0	0	0	---	---	29
30	---		0.203	0.089	0.211	0.200	0.218	0	0	0	---	---	30
31	---		0.226		0.155		0.211	0		0		---	31
TOTAL	---	---	12.745	3.686	23.940	14.144	9.255	1.142	0	0	---	---	TOTAL
MEAN	---	---	0.411	0.123	0.772	0.471	0.299	0.037	0	0	---	---	MEAN
MAX	---	---	0.745	0.267	2.05	1.21	0.713	0.173	0	0	---	---	MAX
MIN	---	---	0.161	0.065	0.113	0.089	0.073	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.265
MAXIMUM DAILY, 2.05 ON MAY 19
MINIMUM DAILY, 0 ON AUG 22
MAXIMUM INSTANTANEOUS,
2.30 AT 10:00 CST ON MAY 19

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 10 N
LONG 109 25 20 W
DRAINAGE AREA, 2 580 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	800
FEB	---	AUG	98.7
MAR	1 100	SEP	0
APR	318	OCT	0
MAY	2 070	NOV	---
JUN	1 220	DEC	---

TOTAL DISCHARGE, 5 610 dam³

BATTLE CREEK BELOW NASHLYN PROJECT - STATION NO. 11AB101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.161	0.127	0.602	0.355	0.188	0	0	---	---	1
2	---	---	---	0.092	0.379	1.46	0.355	0.165	0	0	---	---	2
3	---	---	---	0.062	0.644	1.11	0.356	0.167	0	0	---	---	3
4	---	---	---	0.065	0.463	0.925	0.341	0.169	0	0	---	---	4
5	---	---	---	0.136	0.512	0.503	0.326	0.160	0	0	---	---	5
6	---	---	---	0.139	0.746	0.446	0.261	0.150	0	0	---	---	6
7	---	---	---	0.133	0.788	0.425	0.218	0.132	0	0	---	---	7
8	---	---	---	0.101	0.814	0.397	0.188	0.111	0	0	---	---	8
9	---	---	---	0.142	0.657	0.348	0.193	0.107	0	0	---	---	9
10	---	---	---	0.106	0.585	0.342	0.181	0.095	0	0	---	---	10
11	---	---	---	0.111	0.430	0.331	0.209	0.060	0	0	---	---	11
12	---	---	---	0.062	0.322	0.336	0.257	0.047	0	0	---	---	12
13	---	---	---	0.029	0.594	0.371	0.321	0.022	0	0	---	---	13
14	---	---	---	0.118	0.419	0.405	0.698	0.007	0	0	---	---	14
15	---	---	---	0.152	0.464	0.439	0.497	0.004	0	0	---	---	15
16	---	---	---	0.239	0.540	0.430	0.726	0	0	0	---	---	16
17	---	---	---	0.191	0.938	0.406	0.775	0	0	0	---	---	17
18	---	---	---	0.102	1.99	0.912	0.665	0	0	0	---	---	18
19	---	---	---	0.057	1.50	1.13	0.952	0	0	0	---	---	19
20	---	---	---	0.103	1.47	0.822	0.818	0	0	0	---	---	20
21	---	---	---	0.162	1.63	0.584	0.560	0	0	0	---	---	21
22	---	---	---	0.063	1.56	0.516	0.401	0	0	0	---	---	22
23	---	---	---	0.031	1.34	0.412	0.327	0	0	0	---	---	23
24	---	---	0.391	0.021	1.15	0.313	0.318	0	0	0	---	---	24
25	---	---	0.520	0.006	1.04	0.377	0.419	0	0	0.009	---	---	25
26	---	---	0.169	0.004	0.830	0.319	0.389	0	0	0.076	---	---	26
27	---	---	0.142	0.117	0.393	0.324	0.343	0	0	0.100A	---	---	27
28	---	---	0.126	0.076	0.218	0.309	0.314	0	0	0.100E	---	---	28
29	---		0.075	0.315	0.132	0.255	0.289	0	0	0.100E	---	---	29
30	---		0.131	0.229	0.077	0.207	0.238	0	0	0.100E	---	---	30
31	---		0.233		0.095		0.199	0		0.100E		---	31
TOTAL	---	---	---	3.325	22.847	15.756	12.489	1.580	0	0.585	---	---	TOTAL
MEAN	---	---	---	0.111	0.737	0.525	0.403	0.051	0	0.019	---	---	MEAN
MAX	---	---	---	0.315	1.99	1.46	0.952	0.184	0	0.100	---	---	MAX
MIN	---	---	---	0.004	0.077	0.207	0.181	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 52 N
LONG 109 27 52 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 080
FEB	---	AUG	137
MAR	---	SEP	0
APR	287	OCT	50.5
MAY	1 970	NOV	---
JUN	1 360	DEC	---

BATTLE CREEK BELOW WILSON'S WEIR - STATION NO. 11AB118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.462	0.400	0.175	0.210	0.595	0.183	0.031	0.006	---	---	1
2	---	---	0.448	0.373	0.250	0.444	0.362	0.136	0.029	0.006	---	---	2
3	---	---	0.436	0.326	0.432	0.478	0.449	0.126	0.015	0.053	---	---	3
4	---	---	0.484	0.322	0.424	0.462	0.398	0.131	0.020	0.069	---	---	4
5	---	---	0.472	0.271	0.427	0.402	0.332	0.138	0.021	0.082	---	---	5
6	---	---	0.469	0.251	0.487	0.417	0.299	0.133	0.022	0.093	---	---	6
7	---	---	0.452	0.138	0.571	0.380	0.325	0.147	0.022	0.089	---	---	7
8	---	---	0.516	0.102	0.548	0.390	0.300	0.137	0.022	0.087	---	---	8
9	---	---	0.436	0.126	0.497	0.402	0.293	0.124	0.023	0.098	---	---	9
10	---	---	0.475	0.075	0.594	0.421	0.328	0.115	0.022	0.096	---	---	10
11	---	---	0.481	0.071	0.622	0.453	0.353	0.107	0.021	0.132	---	---	11
12	---	---	0.520	0.060	0.546	0.401	0.301	0.099	0.016	0.136	---	---	12
13	---	---	0.532	0.055	0.306	0.468	0.413	0.092	0.015	0.159	---	---	13
14	---	---	0.544	0.054	0.275	0.540	0.486	0.091	0.017	0.182	---	---	14
15	---	---	0.562	0.052	0.265	1.18	0.999	0.080	0.016	0.239	---	---	15
16	---	---	0.569	0.052	0.358	1.65	0.834	0.079	0.015	0.235	---	---	16
17	---	---	0.588	0.044	0.534	1.04	0.633	0.078	0.007	0.221	---	---	17
18	---	---	0.523	0.045	0.779	0.712	0.534	0.062	0.007	0.246	---	---	18
19	---	---	0.454	0.051	0.754	0.635	0.465	0.064	0.010	0.258	---	---	19
20	---	---	0.370	0.083	0.546	0.447	0.462	0.051	0.010	0.279	---	---	20
21	---	---	0.319	0.175	0.379	0.607	0.416	0.046	0.008	0.256	---	---	21
22	---	---	0.339	0.218	0.321	0.516	0.380	0.047	0.008	0.234	---	---	22
23	---	---	0.348	0.228	0.214	0.535	0.344	0.039	0.006	0.223	---	---	23
24	---	---	0.307	0.288	0.081	0.441	0.350	0.031	0.006	0.239	---	---	24
25	---	0.654A	0.289	0.263	0.021	0.371	0.323	0.026	0.006	0.233	---	---	25
26	---	0.580	0.311	0.244	0.007	0.482	0.309	0.027	0.007	0.226	---	---	26
27	---	0.539	0.348	0.239	0.005	0.661	0.342	0.028	0.006	0.243A	---	---	27
28	---	0.554	0.312	0.209	0.004	0.637	0.319	0.030	0.006	0.243E	---	---	28
29	---		0.204	0.182	0.005	0.629	0.288	0.030	0.006	0.243E	---	---	29
30	---		0.229	0.176	0.019	0.638	0.255	0.032	0.006	0.243E	---	---	30
31	---		0.241		0.046		0.223	0.031		0.243E		---	31
TOTAL	---	---	13.000	5.173	10.492	17.049	12.710	2.540	0.426	5.392	---	---	TOTAL
MEAN	---	---	0.419	0.172	0.338	0.568	0.410	0.082	0.014	0.174	---	---	MEAN
MAX	---	---	0.588	0.400	0.779	1.65	0.999	0.183	0.031	0.279	---	---	MAX
MIN	---	---	0.204	0.044	0.004	0.210	0.223	0.026	0.006	0.006	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.273
MAXIMUM DAILY, 1.65 ON JUN 16
MINIMUM DAILY, 0.004 ON MAY 28
MAXIMUM INSTANTANEOUS,
2.43 AT 06:13 CST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 01 N
LONG 109 38 39 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 100
FEB	---	AUG	219
MAR	1 120	SEP	36.8
APR	447	OCT	466
MAY	907	NOV	---
JUN	1 470	DEC	---

TOTAL DISCHARGE, 5 770 dam³

BATTLE CREEK NEAR CONSUL - STATION NO. 11AB096

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.392	0.713	0.784	0.177	0.172	0	0	---	---	1
2	---	---	---	0.367	0.753	0.687	0.180	0.149	0	0	---	---	2
3	---	---	---	0.484	0.489	0.630	0.182	0.136	0	0	---	---	3
4	---	---	---	0.475	0.708	0.314	0.118	0.128	0	0	---	---	4
5	---	---	---	0.412	1.15	0.301	0.073	0.110	0	0	---	---	5
6	---	---	---	0.410	1.25	0.286	0.079	0.088	0	0	---	---	6
7	---	---	---	0.348	1.72	0.247	0.088	0.066	0	0	---	---	7
8	---	---	---	0.319	1.39	0.232	0.079	0.049	0	0	---	---	8
9	---	---	---	0.285	1.22	0.246	0.136	0.039	0	0	---	---	9
10	---	---	---	0.235	0.977	0.247	0.113	0.036	0	0	---	---	10
11	---	---	---	0.194	0.607	0.239	0.146	0.036	0	0	---	---	11
12	---	---	---	0.204	0.771	0.247	0.498	0.036	0	0	---	---	12
13	---	---	---	0.184	0.720	0.299	0.404	0.028	0	0	---	---	13
14	---	---	---	0.169	0.489	0.393	0.485	0.025	0	0	---	---	14
15	---	---	---	0.164	0.819	0.371	0.954	0.025	0	0	---	---	15
16	---	---	---	0.151	1.30	0.365	0.590	0.025	0	0.001	---	---	16
17	---	---	---	0.152	2.82	1.28	0.979	0.021	0	0.019	---	---	17
18	---	---	---	0.138	1.62	0.794	1.10	0.021	0	0.053	---	---	18
19	---	---	---	0.104	1.50	0.428	0.656	0.019	0	0.056	---	---	19
20	---	---	---	0.087	1.81	0.234	0.291	0.019	0	0.051	---	---	20
21	---	---	---	0.084	1.69	0.202	0.224	0.017	0	0.058	---	---	21
22	---	---	---	0.088	1.31	0.093	0.236	0.018	0	0.066	---	---	22
23	---	---	---	0.088	1.01	0.165	0.335	0.017	0	0.072	---	---	23
24	---	---	0.545A	0.194	0.887	0.113	0.317	0.013	0	0.080	---	---	24
25	---	---	0.518	0.233	0.785	0.120	0.280	0.010	0	0.107	---	---	25
26	---	---	0.557	0.264	0.525	0.093	0.257	0.008	0	0.115	---	---	26
27	---	---	0.494	0.471	0.394	0.075	0.219	0.007	0	0.121A	---	---	27
28	---	---	0.436	1.66	0.378	0.064	0.178	0.004	0	0.121E	---	---	28
29	---		0.468	0.479	0.434	0.164	0.164	0.002	0	0.121E	---	---	29
30	---		0.500	0.592	0.410	0.181	0.159	0.001	0	0.121E	---	---	30
31	---		0.454		0.486		0.177	0.001		0.121E		---	31
TOTAL	---	---	---	9.427	31.135	9.874	9.874	1.326	0	1.283	---	---	TOTAL
MEAN	---	---	---	0.314	1.00	0.329	0.319	0.043	0	0.041	---	---	MEAN
MAX	---	---	---	1.66	2.82	1.28	1.10	0.172	0	0.121	---	---	MAX
MIN	---	---	---	0.084	0.378	0.064	0.073	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON SEP 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 12 N
LONG 109 31 22 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	853
FEB	---	AUG	115
MAR	---	SEP	0
APR	814	OCT	111
MAY	2 690	NOV	---
JUN	853	DEC	---

BATTLE RIVER AT BATTLEFORD - STATION NO. 05FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.00B	23.6B	15.1	8.36	5.25	2.61	11.3	6.48	5.57	---	1
2	---	---	2.00B	26.3B	14.9	8.55	5.47	2.89	12.5	6.32	5.70	---	2
3	---	---	2.00B	29.3B	14.5	8.58	5.32	2.88	13.0	6.32	5.54A	---	3
4	---	---	2.00B	29.3B	14.0	8.61	4.89	2.74	13.5	6.28	---	---	4
5	---	---	2.00B	29.7B	13.9	8.45	4.53	2.92A	13.8	6.09	---	---	5
6	---	---	2.01B	27.6B	13.8	8.33	4.29	2.87E	13.9	5.97	---	---	6
7	---	---	2.01B	29.6B	13.4 A	8.66	4.31	2.96E	13.9	5.72	---	---	7
8	---	---	2.01B	25.3B	12.9 A	8.79	4.19	3.00E	14.1	5.51	---	---	8
9	---	---	2.01B	27.5B	12.7	9.07	3.88	3.08E	14.2	5.34	---	---	9
10	---	---	2.01B	34.1B	12.6	9.21	3.77	3.02E	14.2	5.23	---	---	10
11	---	---	2.01B	28.3B	12.4	9.18	3.88	2.92E	14.1	5.19	---	---	11
12	---	---	2.10B	35.3	12.2	9.04	3.67	2.76E	13.6	5.04	---	---	12
13	---	---	2.18B	31.2	11.8	8.51	3.43	2.50E	13.1	4.94	---	---	13
14	---	---	2.25B	28.3	11.5	8.01	3.68	2.40E	12.8	4.90	---	---	14
15	---	---	2.79B	27.6	11.3	7.92	3.82	2.30E	12.1	4.80	---	---	15
16	---	---	2.92B	26.6	10.8	7.68	3.61	2.26E	11.4	4.68	---	---	16
17	---	---	2.87B	25.0	10.4	7.57	3.51	2.25E	10.9	4.61	---	---	17
18	---	---	4.29B	24.2	10.2	7.47	3.52	2.26E	10.5	4.60	---	---	18
19	---	---	8.73B	23.8	10.1	7.26	3.34	2.55E	10.1	4.58	---	---	19
20	---	---	8.15B	23.1	9.78	7.18	3.25	2.95E	9.64	4.56	---	---	20
21	---	---	6.22B	22.8	9.61	7.17	3.54	3.37E	9.13	4.60	---	---	21
22	---	---	4.83B	22.4	9.46	6.89	3.14	3.40E	8.89	4.80B	---	---	22
23	---	---	5.28B	21.8	9.10	6.57	3.20	4.40E	8.60	4.74B	---	---	23
24	---	---	7.88B	20.6	8.92	6.56	3.01	3.94A	8.23	4.80B	---	---	24
25	---	---	12.2 B	19.5	8.62	6.50	2.92	4.01	7.88	4.90B	---	---	25
26	---	---	12.2 B	18.8	8.43	6.30	2.73	4.67	7.49	5.00B	---	---	26
27	---	---	11.5 B	18.0	8.33	5.98	2.69A	5.93	7.17	5.05B	---	---	27
28	---	---	11.5 B	17.5	8.32	5.70	2.82A	7.28	6.91	5.10B	---	---	28
29	---		12.0 B	16.5	8.98	5.52	2.87	8.47	6.60	5.20B	---	---	29
30	---		12.7 B	15.6	8.51	5.24	2.89	9.42	6.50	5.30B	---	---	30
31	---		17.1 B		8.25		2.66	10.3		5.40B		---	31
TOTAL	---	---	171.75	749.2	344.81	228.86	114.08	119.31	330.04	162.05	---	---	TOTAL
MEAN	---	---	5.54	25.0	11.1	7.63	3.68	3.85	11.0	5.23	---	---	MEAN
MAX	---	---	17.1	35.3	15.1	9.21	5.47	10.3	14.2	6.48	---	---	MAX
MIN	---	---	2.00	15.6	8.25	5.24	2.66	2.25	6.50	4.56	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.06
MAXIMUM DAILY, 35.3 ON APR 12
MINIMUM DAILY, 2.00B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 07 N
LONG 108 20 09 W
DRAINAGE AREA, 30 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 860
FEB	---	AUG	10 300
MAR	14 800	SEP	28 500
APR	64 700	OCT	14 000
MAY	29 800	NOV	---
JUN	19 800	DEC	---

TOTAL DISCHARGE, 192 000 dam³

BEAR CREEK NEAR PIAPOT - STATION NO. 05HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.005B	0.258B	0.444	0.157	0.142	0.126	0.012	0	0	0	---	1
2	---	0.005B	0.253B	0.319	0.160	0.153	0.106	0.011	0	0	0	---	2
3	---	0.005B	0.264B	0.261	0.153	0.138	0.095	0.020	0	0	0	---	3
4	---	0.005B	0.289B	0.226	0.152	0.128	0.079	0.011	0	0	0	---	4
5	---	0.005B	0.275B	0.212	0.143	0.110	0.060	0.010	0	0	---	---	5
6	---	0.005B	0.307B	0.210	0.135	0.098	0.043	0.009	0	0	---	---	6
7	---	0.005B	0.263B	0.206	0.141	0.108	0.031	0.010	0	0	---	---	7
8	---	0.005B	0.232B	0.197	0.171	0.100	0.034	0.009	0	0	---	---	8
9	---	0.005B	0.237B	0.182	0.185	0.151	0.035	0.006	0	0	---	---	9
10	---	0.005B	0.209B	0.184	0.188	0.207	0.031	0.009	0	0	---	---	10
11	---	0.005B	0.218B	0.172	0.180	0.191	0.026	0.009	0	0	---	---	11
12	---	0.005B	0.225B	0.172	0.178	0.168	0.026	0.008	0	0	---	---	12
13	---	0.005B	0.222B	0.168	0.161	0.214	0.029	0.007	0	0	---	---	13
14	---	0.010B	0.227B	0.165	0.147	1.62	0.036	0.005	0	0	---	---	14
15	---	0.100B	0.215B	0.161	0.132	5.19	0.055	0.005	0	0	---	---	15
16	---	0.500B	0.216	0.160	0.146	1.39	0.075	0.005	0	0	---	---	16
17	---	1.00 B	0.219	0.154	0.196	0.763	0.069	0.004	0	0	---	---	17
18	---	1.16 B	0.215	0.154	0.226	0.625	0.067	0.003	0	0	---	---	18
19	---	1.33 B	0.205	0.149	0.195	0.548	0.048	0.003	0	0	---	---	19
20	---	1.46 B	0.196	0.151	0.176	0.425	0.040	0.002	0	0	---	---	20
21	---	1.18 B	0.156	0.159	0.160	0.341	0.030	0.001	0	0	---	---	21
22	---	0.847B	0.167	0.161	0.143	0.298	0.024	0.001	0	0	---	---	22
23	---	0.795B	0.221	0.157	0.133	0.266	0.020	0	0	0	---	---	23
24	---	0.631B	0.183	0.156	0.120	0.233	0.024	0	0	0	---	---	24
25	---	0.519B	0.169	0.155	0.100	0.203	0.038	0	0	0	---	---	25
26	---	0.411B	0.169	0.162	0.089	0.172	0.029	0	0	0	---	---	26
27	---	0.386B	0.165	0.163	0.094	0.149	0.037	0	0	0	---	---	27
28	---	0.302B	0.162	0.164	0.094	0.146	0.033	0	0	0	---	---	28
29	---		0.162	0.163	0.103	0.168	0.022	0	0	0	---	---	29
30	---		0.188	0.165	0.103	0.159	0.042	0	0	0	---	---	30
31	---		0.444		0.093		0.021	0		0	---	---	31
TOTAL	---	10.696	6.931	5.652	4.554	14.604	1.431	0.160	0	0	---	---	TOTAL
MEAN	---	0.382	0.224	0.188	0.147	0.487	0.046	0.005	0	0	---	---	MEAN
MAX	---	1.46	0.444	0.444	0.226	5.19	0.126	0.020	0	0	---	---	MAX
MIN	---	0.005	0.156	0.149	0.089	0.098	0.020	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.136
MAXIMUM DAILY, 5.19 ON JUN 15
MINIMUM DAILY, 0 ON AUG 23
MAXIMUM INSTANTANEOUS,
6.63 AT 08:10 CST ON JUN 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 55 N
LONG 109 06 20 W
DRAINAGE AREA, 253 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	124
FEB	924	AUG	13.8
MAR	599	SEP	0
APR	488	OCT	0
MAY	393	NOV	---
JUN	1 260	DEC	---

TOTAL DISCHARGE, 2 880 dam³

BEAVER CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.046B	0.021B	0.083	0.053	0.031	0.040	0.029	0.027	0.024	0.023	0.039	0.046B	1
2	0.046B	0.018B	0.070	0.049	0.031	0.033	0.026	0.032	0.024	0.022	0.038	0.046B	2
3	0.046B	0.017B	0.062	0.047	0.031	0.026	0.027	0.027	0.026	0.023	0.042	0.047B	3
4	0.047B	0.015B	0.058	0.042	0.030	0.030	0.026	0.024	0.025	0.024	0.037	0.044B	4
5	0.048B	0.016B	0.053	0.043	0.030	0.029	0.025	0.023	0.024	0.025	0.037	0.049B	5
6	0.048B	0.016B	0.047	0.042	0.031	0.023	0.024	0.021	0.023	0.025	0.041	0.048B	6
7	0.045B	0.015B	0.045	0.044	0.033	0.022	0.024	0.021	0.025	0.023	0.036	0.049B	7
8	0.043B	0.017B	0.044	0.042	0.032	0.026	0.024	0.021	0.026	0.024	0.029	0.049B	8
9	0.044B	0.017B	0.043	0.039	0.033	0.030	0.024	0.022	0.025	0.023	0.032	0.051B	9
10	0.044B	0.018B	0.044	0.037	0.037	0.028	0.025	0.021	0.026	0.024	0.032	0.051B	10
11	0.043B	0.018B	0.048	0.037	0.036	0.027	0.027	0.020	0.026	0.025	0.032	0.048B	11
12	0.043B	0.018B	0.049	0.038	0.036	0.026	0.027	0.020	0.028	0.032	0.030	0.048B	12
13	0.042B	0.020B	0.047	0.038	0.034	0.034	0.028	0.019	0.025	0.032	0.034	0.046B	13
14	0.041B	0.101B	0.047	0.038	0.035	0.031	0.040	0.019	0.026	0.028	0.033	0.046B	14
15	0.041B	0.410B	0.044	0.037	0.034	0.030	0.036	0.027	0.022	0.028	0.033	0.048B	15
16	0.039B	3.50 B	0.045	0.036	0.036	0.029	0.034	0.048	0.022	0.027	0.035	0.053B	16
17	0.039B	4.10 B	0.049	0.036	0.035	0.029	0.033	0.027	0.021	0.028	0.036	0.051B	17
18	0.038B	2.47 B	0.051	0.036	0.033	0.029	0.034	0.023	0.023	0.029	0.037B	0.049B	18
19	0.039B	1.51 B	0.051	0.036	0.031	0.029	0.035	0.023	0.025	0.028	0.038B	0.048B	19
20	0.040B	1.15 B	0.052	0.035	0.030	0.028	0.034	0.023	0.027	0.028	0.040B	0.050B	20
21	0.037B	0.841B	0.062	0.035	0.029	0.028	0.036	0.025	0.026	0.042	0.041B	0.044B	21
22	0.037B	0.427B	0.056	0.036	0.028	0.028	0.034	0.026	0.027	0.030	0.043B	0.043B	22
23	0.033B	0.313B	0.054	0.036	0.028	0.028	0.027	0.021	0.026	0.029	0.044B	0.041B	23
24	0.036B	0.245B	0.055	0.034	0.027	0.028	0.026	0.022	0.027	0.030	0.045B	0.040B	24
25	0.038B	0.182B	0.055	0.033	0.027	0.028	0.027	0.023	0.028	0.030	0.047B	0.038B	25
26	0.029B	0.163B	0.058	0.033	0.026	0.028	0.027	0.022	0.029	0.032	0.046B	0.037B	26
27	0.027B	0.124B	0.061	0.038	0.026	0.029	0.025	0.021	0.024	0.033	0.046B	0.035B	27
28	0.025B	0.102B	0.062	0.036	0.026	0.030	0.024	0.019	0.025	0.033	0.046B	0.034B	28
29	0.027B		0.059	0.034	0.025	0.031	0.027	0.018	0.024	0.033	0.048B	0.032B	29
30	0.026B		0.049	0.031	0.025	0.027	0.024	0.019	0.023	0.038	0.047B	0.031B	30
31	0.027B		0.055		0.026		0.022	0.020		0.040		0.029B	31
TOTAL	1.204	15.864	1.658	1.151	0.952	0.864	0.881	0.724	0.752	0.891	1.164	1.371	TOTAL
MEAN	0.039	0.567	0.053	0.038	0.031	0.029	0.028	0.023	0.025	0.029	0.039	0.044	MEAN
MAX	0.048	4.10	0.083	0.053	0.037	0.040	0.040	0.048	0.029	0.042	0.048	0.053	MAX
MIN	0.025	0.015	0.043	0.031	0.025	0.022	0.022	0.018	0.021	0.022	0.029	0.029	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 4.10B ON FEB 17
MINIMUM DAILY, 0.015B ON FEB 4
MAXIMUM INSTANTANEOUS,
5.59B AT 05:29 CST ON FEB 17

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 105 02 08 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	104	JUL	76.1
FEB	1 370	AUG	62.6
MAR	143	SEP	65.0
APR	99.4	OCT	77.0
MAY	82.3	NOV	101
JUN	74.6	DEC	118

TOTAL DISCHARGE, 2 370 dam³

BEAVER RIVER BELOW WATERHEN RIVER - STATION NO. 06AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6B	28.1B	27.1B	37.3B	72.6	40.6	31.0	42.4	17.1	14.7	14.2	7.48B	1
2	21.9B	27.4B	25.6B	38.6B	72.5	39.4	32.5	42.1	17.1	14.9	13.8	7.97B	2
3	22.5B	25.6B	26.1B	40.8B	72.7	38.2	33.2	40.8	16.8	14.0	13.0	6.94B	3
4	23.2B	24.4B	26.5B	44.0B	71.8	37.0	33.7	39.4	16.6	14.6	12.2	6.41B	4
5	23.3B	24.1B	26.6B	46.0B	71.7	37.2	33.7	37.9	16.4	14.3	13.5	5.98B	5
6	23.3B	26.1B	26.6B	48.9B	70.7	36.9	33.7	36.5	16.3	13.7	11.5	6.47B	6
7	24.4B	25.6B	27.1B	50.7B	69.5	36.5	33.5	35.2	16.2	13.3	10.9	6.25B	7
8	24.9B	20.2B	27.7B	52.0B	68.2	35.4	34.2	33.8	15.9	12.9	10.3	5.19B	8
9	24.9B	20.0B	27.7B	51.5B	67.6	34.0	34.6	32.6	15.8	13.5	8.86	4.65B	9
10	24.7B	19.5B	28.2B	56.0B	65.6	33.1	33.7	31.5	15.7	14.4	8.43	4.50B	10
11	24.9B	19.5B	28.4B	56.1B	65.0	32.4	32.3	30.1	15.3	14.6	9.15	4.73B	11
12	25.3B	20.5B	28.5B	54.5B	63.9	31.4	31.4	28.3	15.4	14.2	8.88	5.22B	12
13	25.2B	20.9B	28.2B	61.5B	64.6	30.2	30.1	27.8	15.3	14.0	7.40	5.49B	13
14	25.3B	21.0B	28.3B	62.9B	66.1	29.3	29.3	26.3	15.3	13.8	8.16	5.26B	14
15	25.9B	21.2B	28.4B	65.8B	63.2	28.7	30.7	25.1	15.2	13.5	5.72	5.00B	15
16	27.7B	21.6B	28.8B	69.3	62.1	28.9	35.1	24.0	14.9	13.3	6.03	4.89B	16
17	28.5B	21.9B	29.3B	66.1	61.5	32.3	39.8	23.3	15.0	12.°	6.52	5.27B	17
18	28.0B	23.1B	29.2B	71.0	60.6	34.5	43.5	22.5	15.1	12.6	7.85B	5.53B	18
19	28.6B	24.1B	28.2B	70.5	57.9	34.9	46.2	22.2	15.0	12.6	9.24B	5.71B	19
20	29.0B	24.9B	26.4B	73.7	54.6	34.2	47.8	21.8	14.6	12.5	9.06B	6.73B	20
21	29.4B	25.7B	21.7B	74.1	52.1	32.8	48.7	21.3	14.6	12.3	7.27B	6.31B	21
22	30.0B	26.9B	25.9B	73.5	49.1	32.2	49.0	20.6	15.0	12.2B	7.04B	6.21B	22
23	31.0B	27.6B	27.3B	73.2	47.8	32.6	49.1	20.0	15.6	12.1B	7.71B	5.80B	23
24	31.2B	27.7B	27.7B	73.0	47.0	32.8	48.3	19.5	15.7	12.8B	7.83B	5.67B	24
25	31.9B	27.4B	27.9B	73.2	46.1	32.3	46.8	19.0	15.7	13.9B	7.80B	5.75B	25
26	32.1B	27.3B	28.7B	72.5	45.2	31.4	44.9	18.6	16.0	15.4B	6.82B	5.78B	26
27	32.1B	27.1B	30.3B	71.1	45.1	30.4	43.5	18.0	15.6	16.2B	6.22B	6.09B	27
28	31.9B	27.1B	32.4B	70.0	45.5	30.2	42.6	17.8	15.2	16.0B	6.20B	5.99B	28
29	31.1B		35.0B	71.4	45.2	30.2	42.7	17.7	15.1	14.8	5.50B	5.53B	29
30	27.2B		36.5B	72.3	43.9	30.2	43.0	17.4	15.0	14.2	6.90B	5.44B	30
31	26.9B		37.9B		42.1		43.0	17.3		15.4		5.61B	31
TOTAL	837.9	676.5	884.2	1 841.5	1 831.5	1 000.2	1 201.6	830.8	468.5	430.5	263.59	179.85	TOTAL
MEAN	27.0	24.2	28.5	61.4	59.1	33.3	38.8	26.8	15.6	13.9	8.79	5.80	MEAN
MAX	32.1	28.1	37.9	74.1	72.7	40.6	49.1	42.4	17.1	16.2	14.2	7.97	MAX
MIN	21.6	19.5	21.7	37.3	42.1	28.7	29.3	17.3	14.6	12.1	5.50	4.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.6
MAXIMUM DAILY, 74.1 ON APR 21
MINIMUM DAILY, 4.50B ON DEC 10
MAXIMUM INSTANTANEOUS,
77.0 AT 21:54 CST ON APR 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 00 N
LONG 107 49 00 W
DRAINAGE AREA, 45 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72 400	JUL	104 000
FEB	58 400	AUG	71 800
MAR	76 400	SEP	40 500
APR	159 000	OCT	37 200
MAY	158 000	NOV	22 800
JUN	86 400	DEC	15 500

TOTAL DISCHARGE, 902 000 dam³

BEAVER RIVER NEAR DORINTOSH - STATION NO. 06AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.87B	6.28B	5.32B	31.1B	35.4	12.8	17.6A	25.4	5.88	4.03	4.08	2.91B	1
2	4.85B	6.27B	5.45B	38.9B	35.1	12.4	19.0A	23.9	5.65	3.85	4.46	2.89B	2
3	4.81B	6.15B	5.91B	47.0B	34.5	12.1	19.9	22.0	5.64	3.76	4.25	2.66B	3
4	4.79B	6.22B	6.00B	53.2B	33.4	11.6	20.5	20.0 A	5.66	3.65	4.36	2.64B	4
5	4.76B	6.49B	6.03B	60.8B	31.9	11.0	21.0	18.0 A	5.59	3.65	3.75	2.67B	5
6	4.77B	6.52B	6.06B	62.8B	30.7	10.6	20.9	16.4 A	5.65	3.74	3.82	2.65B	6
7	4.94B	6.45B	6.05B	60.9B	29.5	10.4	20.6	15.3 A	5.38	3.67	4.54	2.67B	7
8	5.06B	6.37B	6.02B	60.6B	28.5	10.1	20.0	14.2 A	5.33A	3.74	3.30	2.61B	8
9	5.07B	6.30B	6.02B	58.4B	27.8	9.93	19.7	13.2 A	5.28A	4.09	3.84	2.48B	9
10	5.23B	6.17B	6.21B	57.2B	26.8	10.1	19.4	12.6 A	5.19A	4.16	3.91	2.39B	10
11	5.39B	5.99B	6.21B	56.4B	26.1	9.77	19.2	12.4 A	5.16A	3.84	3.47	2.51B	11
12	5.49B	5.98B	6.38B	57.1B	26.0	8.97	18.7	12.1 A	5.15A	3.77	3.32	2.40B	12
13	5.52B	6.07B	6.25B	54.0B	25.8A	8.57	20.4	11.6 A	5.04A	3.71	3.60	2.30B	13
14	5.53B	6.07B	6.19B	48.5B	25.2E	8.15	26.1	11.0 A	4.88A	3.64	3.38	2.26B	14
15	5.45B	6.00B	6.17B	41.2B	24.8E	7.95	29.2	10.4 A	4.67A	3.72	3.72	2.25B	15
16	5.75B	5.87B	6.21B	43.1B	24.1E	7.91	31.3	10.0 A	4.44A	3.88	4.13	2.21B	16
17	5.78B	5.93B	6.70B	44.1B	23.5E	8.55	33.5	9.61A	4.39A	4.07	4.12	2.26B	17
18	5.87B	5.83B	8.17B	51.6	23.0E	8.46	34.6	9.15A	4.31A	4.14	3.89B	2.23B	18
19	5.92B	5.70B	8.87B	47.3	22.0E	8.30	33.5	8.56	4.29A	4.20	3.94B	2.15B	19
20	6.07B	5.51B	9.62B	44.6	21.0E	7.92	32.7	8.19	4.27A	4.35	3.16B	2.25B	20
21	6.15B	5.51B	10.7 B	40.9	20.0E	7.91	31.8	7.67	4.17A	4.37	3.79B	2.55B	21
22	6.13B	5.43B	11.5 B	38.6	19.0E	8.37	31.1A	7.30	4.15A	4.29	2.87B	2.93B	22
23	6.05B	5.36B	12.2 B	38.1	18.2E	8.37	30.2	6.91	4.38	3.79	3.12B	2.91B	23
24	6.02B	5.24B	13.0 B	38.1	17.5E	8.82	28.9	6.56	4.30	3.78	3.45B	2.59B	24
25	6.17B	5.21B	15.1 B	37.4	16.7E	9.84	27.9	6.61	4.31	2.64	3.23B	2.26B	25
26	6.31B	5.30B	17.9 B	37.0	16.3A	11.3	28.0	6.53	4.13	2.16	2.50B	2.04B	26
27	6.33B	5.30B	19.0 B	37.1	15.7	12.6	28.8	6.31	4.08	2.84	2.10B	1.82B	27
28	6.38B	5.19B	19.2 B	35.5	15.2	13.8	28.7	6.29	4.05	3.02	1.52B	1.60B	28
29	6.28B		20.4 B	34.6	14.9	15.0 A	28.0	6.32	3.94	3.50	2.04B	1.49B	29
30	6.20B		23.4 B	34.8	14.2	16.3 A	27.3	6.02	4.04	3.74	2.71B	1.51B	30
31	6.31B		26.3 B		13.7		26.5	6.05		3.73		1.61B	31
TOTAL	174.25	164.71	318.54	1 390.9	736.5	307.89	795.0	356.58	143.40	115.52	104.37	72.70	TOTAL
MEAN	5.62	5.88	10.3	46.4	23.8	10.3	25.6	11.5	4.78	3.73	3.48	2.35	MEAN
MAX	6.38	6.52	26.3	62.8	35.4	16.3	34.6	25.4	5.88	4.37	4.54	2.93	MAX
MIN	4.76	5.19	5.32	31.1	13.7	7.91	17.6	6.02	3.94	2.16	1.52	1.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 62.8B ON APR 6
MINIMUM DAILY, 1.49B ON DEC 29
MAXIMUM INSTANTANEOUS,
64.6B AT 00:19 CST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 46 N
LONG 108 36 06 W
DRAINAGE AREA, 20 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	68 700
FEB	14 200	AUG	30 800
MAR	27 500	SEP	12 400
APR	120 000	OCT	9 980
MAY	63 600	NOV	9 020
JUN	26 600	DEC	6 280

TOTAL DISCHARGE, 404 000 dam³

BECKETT BROOK NEAR FOAM LAKE - STATION NO. 05MA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0B	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0B	0	0	0	0	0	0	0	---	---	19
20	---	0.001B	0B	0	0	0	0	0	0	0	---	---	20
21	---	0.001B	0B	0	0	0	0	0	0	0	---	---	21
22	---	0.001B	0B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0B	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0B	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0.003	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.001 ON FEB 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 30 N
LONG 103 36 12 W
DRAINAGE AREA, 631 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.26	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BELANGER CREEK DIVERSION TO CYPRESS LAKE - STATION NO. 11AC064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.059	0	0	0	0	0	0	---	---	1
2	---	---	0.001B	0.058	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.040	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0.011B	0	0	0	0	0	0	0	---	---	5
6	---	---	0.014B	0	0	0	0	0	0	0	---	---	6
7	---	---	0.001B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.057B	0	0	0	0.004	0	0.010	0	---	---	12
13	---	---	0.229B	0	0	0	0	0	0.026	0	---	---	13
14	---	---	0.006B	0	0	0	0	0	0.028	0	---	---	14
15	---	---	0.002B	0	0	1.82	0	0	0.034	0	---	---	15
16	---	---	0.001A	0	0.002	1.12	0	0	0.020	0	---	---	16
17	---	---	0	0	0.002	0.412	0	0	0.001A	0	---	---	17
18	---	---	0	0	0	0.060	0	0		0	---	---	18
19	---	0.001B	0.002	0	0	0	0	0	0	0	---	---	19
20	---	0.100B	0	0	0	0	0	0	0	0	---	---	20
21	---	0.200B	0.001	0	0	0	0	0	0	0	---	---	21
22	---	0.400B	0	0	0	0	0	0	0	0	---	---	22
23	---	0.630B	0	0	0	0	0	0	0	0	---	---	23
24	---	0.606B	0	0	0	0	0	0	0	0	---	---	24
25	---	0.155B	0	0	0	0	0	0	0	0	---	---	25
26	---	0.030B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.039B	0.017	0	0	0	0	0	0	0	---	---	27
28	---	0.004B	0.047	0	0	0	0	0	0	0	---	---	28
29	---		0.048	0	0	0	0	0	0	0	---	---	29
30	---		0.072	0	0	0	0	0	0	0	---	---	30
31	---		0.079		0		0	0		0		---	31
TOTAL	---	---	0.588	0.160	0.004	3.412	0.004	0	0.119	0	---	---	TOTAL
MEAN	---	---	0.019	0.005	0	0.114	0	0	0.004	0	---	---	MEAN
MAX	---	---	0.229	0.059	0.002	1.82	0.004	0	0.034	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 1.82 ON JUN 15
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 39 N
LONG 109 21 54 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	50.8	SEP	10.3
APR	13.8	OCT	0
MAY	0.35	NOV	---
JUN	295	DEC	---

TOTAL DISCHARGE, 371 dam³

BIG GULLY CREEK NEAR MAIDSTONE - STATION NO. 05EP005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.72	0.784	0.001	0	0	0	0	0	---	1
2	---	---	0 B	2.59	0.809	0	0	0.231	0	0	0	---	2
3	---	---	0 B	2.32	0.787	0	0	0.741	0	0	0	---	3
4	---	---	0 B	1.90	0.749	0	0	0.815	0	0	---	---	4
5	---	---	0 B	1.62	0.679	0	0	0.566	0	0	---	---	5
6	---	---	0 B	1.61	0.571	0	0	0.252	0	0	---	---	6
7	---	---	0 B	1.38	0.481	0	0	0.082	0	0	---	---	7
8	---	---	0 B	1.51	0.426	0	0	0.027	0	0	---	---	8
9	---	---	0 B	1.39	0.380	0	0	0.009	0	0	---	---	9
10	---	---	0 B	1.41	0.327	0	0	0.002	0	0	---	---	10
11	---	---	0 B	1.32	0.276	0	0	0	0	0	---	---	11
12	---	---	0 B	1.39	0.221	0	0	0	0	0	---	---	12
13	---	---	0 B	1.65	0.185	0	0	0	0	0	---	---	13
14	---	---	0 B	1.61	0.141	0	0	0	0	0	---	---	14
15	---	---	0 B	1.56	0.100	0	0	0	0	0	---	---	15
16	---	---	0 B	1.60	0.075	0	0	0	0	0	---	---	16
17	---	---	0 B	1.51	0.066	0	0	0	0	0	---	---	17
18	---	---	0 B	1.42	0.063	0	0	0	0	0	---	---	18
19	---	---	0 B	1.45	0.062	0	0	0	0	0	---	---	19
20	---	---	0 B	1.48	0.061	0	0	0	0	0	---	---	20
21	---	---	0 B	1.40	0.046	0	0	0	0	0	---	---	21
22	---	---	0 B	1.33	0.039	0	0	0	0	0	---	---	22
23	---	---	0 B	1.31	0.033	0	0	0	0	0	---	---	23
24	---	---	0 B	1.27	0.025	0	0	0	0	0	---	---	24
25	---	---	0 B	1.19	0.020	0	0	0	0	0	---	---	25
26	---	---	0 B	1.10	0.016	0	0	0	0	0	---	---	26
27	---	---	0 B	1.01	0.016	0	0	0	0	0	---	---	27
28	---	---	0.025B	0.990	0.014	0	0	0	0	0	---	---	28
29	---		0.237B	0.970	0.012	0	0	0	0	0	---	---	29
30	---		0.498B	0.836	0.007	0	0	0	0	0	---	---	30
31	---		0.831B		0.004		0	0		0		---	31
TOTAL	---	---	1.591	43.846	7.475	0.001	0	2.725	0	0	---	---	TOTAL
MEAN	---	---	0.051	1.46	0.241	0	0	0.088	0	0	---	---	MEAN
MAX	---	---	0.831	2.59	0.809	0.001	0	0.815	0	0	---	---	MAX
MIN	---	---	0	0.836	0.004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.227
MAXIMUM DAILY, 2.59 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.75 AT 16:11 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 109 17 45 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	235
MAR	137	SEP	0
APR	3 790	OCT	0
MAY	646	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 4 810 dam³

BIG QUILL LAKE NEAR KANDAHAR - STATION NO. 05MA010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	515.577	515.555E	515.522E	515.462E	515.369	515.394E	---	1
2	---	---	---	---	---	515.571E	515.552E	515.522E	515.461E	515.369E	515.395E	---	2
3	---	---	---	---	---	515.566E	515.550	515.523E	515.460	515.368E	515.396	---	3
4	---	---	---	---	---	515.561	515.546E	515.523	515.449E	515.368E	515.396E	---	4
5	---	---	---	---	---	515.560E	515.542E	515.522E	515.437E	515.368E	515.397E	---	5
6	---	---	---	---	---	515.560E	515.538	515.520E	515.426E	515.367	515.397E	---	6
7	---	---	---	---	---	515.559	515.534E	515.519E	515.414	515.366E	515.397E	---	7
8	---	---	---	---	---	515.558E	515.530E	515.517	515.411E	515.365E	515.397E	---	8
9	---	---	---	---	---	515.556E	515.526E	515.515E	515.407E	515.363	515.398E	---	9
10	---	---	---	---	---	515.555	515.522	515.512E	515.403E	515.365E	515.398E	---	10
11	---	---	---	---	515.650	515.559E	515.523E	515.510E	515.400E	515.367E	515.398	---	11
12	---	---	---	---	515.650	515.564E	515.523E	515.507	515.396E	515.368E	515.399E	---	12
13	---	---	---	---	515.648E	515.568E	515.524E	515.503E	515.392	515.370E	515.399E	---	13
14	---	---	---	---	515.645E	515.572E	515.525E	515.498E	515.386E	515.372E	515.400	---	14
15	---	---	---	---	515.643E	515.577E	515.526E	515.493	515.380E	515.373E	515.400E	---	15
16	---	---	---	---	515.640	515.581E	515.526	515.492E	515.375	515.375E	515.401E	---	16
17	---	---	---	---	515.635E	515.585	515.524E	515.491E	515.370E	515.377E	515.401E	---	17
18	---	---	---	---	515.629E	515.585E	515.522E	515.490E	515.365E	515.378E	515.402E	---	18
19	---	---	---	---	515.624E	515.584E	515.520	515.489E	515.360E	515.380E	515.402	---	19
20	---	---	---	---	515.618	515.583	515.519E	515.488E	515.355	515.382E	---	---	20
21	---	---	---	---	515.613E	515.582E	515.518E	515.487E	515.352E	515.383E	---	---	21
22	---	---	---	---	515.609E	515.581	515.51	515.486	515.349E	515.385E	---	---	22
23	---	---	---	---	515.604E	515.579E	515.517E	515.483E	515.346E	515.387E	---	---	23
24	---	---	---	---	515.599E	515.576E	515.518E	515.480E	515.343	515.388E	---	---	24
25	---	---	---	---	515.594	515.574	515.518E	515.477E	515.340E	515.390	---	---	25
26	---	---	---	---	515.593E	515.570E	515.519	515.474	515.358E	515.390E	---	---	26
27	---	---	---	---	515.593E	515.567E	515.519E	515.471E	515.359E	515.391	---	---	27
28	---	---	---	---	515.592E	515.564E	515.520E	515.469E	515.364E	515.391E	---	---	28
29	---		---	---	515.591	515.561E	515.520E	515.466E	515.370E	515.392E	---	---	29
30	---		---	---	515.586E	515.558	515.521E	515.464	515.375	515.392	---	---	30
31	---		---		515.581E		515.521E	515.463E		515.392E		---	31
MEAN	---	---	---	---	---	515.570	515.527	515.496	515.389	515.377	---	---	MEAN
MAX	---	---	---	---	---	515.585	515.555	515.523	515.462	515.392	---	---	MAX
MIN	---	---	---	---	---	515.555	515.517	515.463	515.343	515.363	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MINIMUM DAILY, 515.343 ON SEP 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 46 54 N
LONG 104 19 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIGSTONE LAKE NEAR LA RONGE - STATION NO. 06CA004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 987	0.942	0.904	0.911	1.044	1.093	0.986	0.874	0.774	0.726	0.733	0.744	1
2	0.984	0.940	0.904	0.916	1.052	1.091	0.979	0.873	0.779	0.724	0.734	0.744	2
3	0.979	0.937	0.904	0.922	1.066	1.090	0.976	0.874	0.791	0.729	0.733	0.745	3
4	0.976	0.937	0.903	0.922	1.074	1.089	0.975	0.870	0.777	0.730	0.731	0.743	4
5	0.976	0.937	0.901	0.924	1.081	1.090	0.966	0.866	0.772	0.731	0.735	0.741	5
6	0.977	0.936	0.900	0.939	1.088	1.067	0.951	0.867	0.770	0.730	0.733	0.743	6
7	0.973	0.934	0.898	0.965	1.095	1.057	0.954	0.864	0.769	0.719	0.731	0.745	7
8	0.973	0.933	0.899	0.964	1.097	1.060	0.979	0.857	0.766	0.696	0.730	0.745	8
9	0.967	0.931	0.900	0.963	1.106	1.055	0.975	0.851	0.766	0.704	0.730	0.743	9
10	0.967	0.926	0.901	0.953	1.112	1.053	0.958	0.850	0.772	0.730	0.730	0.745	10
11	0.963	0.925	0.904	0.951	1.120	1.051	0.948	0.842	0.772	0.733	0.729	0.758	11
12	0.961	0.922	0.903	0.964	1.125	1.040	0.942	0.837	0.770	0.731	0.727	0.757	12
13	0.962	0.922	0.901	0.967	1.129	1.026	0.931	0.839	0.766	0.739	0.728	0.755	13
14	0.960	0.919	0.903	0.967	1.114	1.022	0.921	0.829	0.759	0.745	0.729	0.754	14
15	0.960	0.920	0.901	0.969	1.106	1.025	0.914	0.822	0.752	0.742	0.737	0.752	15
16	0.958	0.918	0.900	0.969	1.112	1.019	0.915	0.817	0.749	0.742	0.740	0.748	16
17	0.953	0.917	0.897	0.972	1.118	1.011	0.915	0.812	0.743	0.748	0.740	0.746	17
18	0.954	0.914	0.898	0.977	1.129	1.020	0.916	0.809	0.740	0.747	0.738	0.744	18
19	0.952	0.913	0.901	0.974	1.131	1.018	0.903	0.807	0.727	0.739	0.740	0.745	19
20	0.948	0.910	0.906	0.975	1.129	1.000	0.893	0.807	0.711	0.740	0.738	0.750	20
21	0.949	0.909	0.915	0.979	1.132	0.990	0.883	0.802	0.715	0.747	0.740	0.757	21
22	0.947	0.909	0.913	0.980	1.128	1.002	0.881	0.804	0.731	0.746	0.742	0.759	22
23	0.946	0.910	0.911	0.980	1.128	1.002	0.897	0.801	0.753	0.737	0.750	0.762	23
24	0.948	0.909	0.911	0.978	1.128	1.007	0.900	0.797	0.752	0.733	0.750	0.762	24
25	0.950	0.907	0.912	0.989	1.122	1.011	0.904	0.796	0.744	0.729	0.749	0.761	25
26	0.948	0.906	0.910	1.000	1.111	1.005	0.900	0.793	0.739	0.731	0.749	0.760	26
27	0.947	0.907	0.912	1.010	1.117	1.005	0.896	0.795	0.740	0.731	0.749	0.761	27
28	0.947	0.907	0.914	1.014	1.108	1.003	0.892	0.789	0.722	0.727	0.748	0.760	28
29	0.943		0.912	1.021	1.110	0.999	0.887	0.780	0.719	0.727	0.746	0.760	29
30	0.944		0.912	1.036	1.108	0.990	0.875	0.772	0.724	0.728	0.745	0.759	30
31	0.944		0.914		1.094		0.872	0.784		0.733		0.757	31
MEAN	0.959	0.921	0.905	0.968	1.107	1.033	0.925	0.825	0.752	0.732	0.738	0.752	MEAN
MAX	0.987	0.942	0.915	1.036	1.132	1.093	0.986	0.874	0.791	0.748	0.750	0.762	MAX
MIN	0.943	0.906	0.897	0.911	1.044	0.990	0.872	0.772	0.711	0.696	0.727	0.741	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 0.885
MAXIMUM DAILY, 1.132 ON MAY 21
MINIMUM DAILY, 0.696 ON OCT 8
MAXIMUM INSTANTANEOUS,
1.144 AT 21:26 CST ON MAY 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 50 W

REGULATED

BIRCH CREEK NEAR ELFROS - STATION NO. 05HA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	0.001	---	1
2	---	0 B	0 B	0.001B	0.001	0	0	0.001	0	0.001	0.001A	---	2
3	---	0 B	0 B	0.001B	0.001	0	0	0.001	0	0.001	---	---	3
4	---	0 B	0 B	0.001B	0.001	0	0	0.001	0	0.001	---	---	4
5	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	5
6	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	6
7	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	7
8	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	8
9	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	9
10	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	10
11	---	0 B	0 B	0.001B	0.001	0	0	0	0	0.001	---	---	11
12	---	0 B	0 B	0.002B	0	0	0	0	0	0.001	---	---	12
13	---	0 B	0 B	0.002B	0	0	0	0	0	0.001	---	---	13
14	---	0 B	0 B	0.002B	0	0.001	0	0	0	0.001	---	---	14
15	---	0 B	0.001B	0.002B	0	0.001	0	0	0	0.001	---	---	15
16	---	0 B	0.001B	0.002B	0	0	0	0	0	0.001	---	---	16
17	---	0 B	0.001B	0.003B	0	0	0	0	0	0.001	---	---	17
18	---	0 B	0.001B	0.002B	0	0	0	0.001	0	0.001	---	---	18
19	---	0 B	0.001B	0.001B	0	0	0	0.001	0	0.001	---	---	19
20	---	0.003B	0.001B	0.001B	0	0	0	0.001	0	0.001	---	---	20
21	---	0.004B	0.001B	0.001	0	0.001	0	0.001	0	0.001	---	---	21
22	---	0.002B	0.001B	0.001	0	0.001	0	0	0	0.001B	---	---	22
23	---	0.001B	0.001B	0.001	0	0.001	0.001	0	0	0.001B	---	---	23
24	---	0 B	0.001B	0.001	0	0.001	0.001	0	0	0.001B	---	---	24
25	---	0 B	0.001B	0.001	0	0.001	0.001	0	0	0.001B	---	---	25
26	---	0 B	0.001B	0.001	0	0.001	0.001	0	0	0.001B	---	---	26
27	---	0 B	0.001B	0.001	0	0	0.001	0	0	0.001B	---	---	27
28	---	0 B	0.001B	0.001	0	0	0.001	0	0	0.001A	---	---	28
29	---		0.001B	0.001	0	0	0	0	0.001	0.001	---	---	29
30	---		0.001B	0.001	0	0	0	0	0.001	0.001	---	---	30
31	---		0.001B		0		0	0		0.001		---	31
TOTAL	---	0.010	0.017	0.038	0.011	0.008	0.006	0.007	0.002	0.031	---	---	TOTAL
MEAN	---	0	0.001	0.001	0	0	0	0	0	0.001	---	---	MEAN
MAX	---	0.004	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.003B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.004B ON FEB 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 58 N
LONG 103 52 15 W
DRAINAGE AREA, 688 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	0.86	AUG	0.60
MAR	1.47	SEP	0.17
APR	3.28	OCT	2.68
MAY	0.95	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE, 10.4 dam³

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE - STATION NO. 05KH014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	262.429	262.426	262.442	262.505	262.520	262.659	262.510	262.452	262.950	263.282	263.943	263.825	1
2	262.429	262.425	262.439	262.521	262.528	262.658	262.509	262.445	262.953	263.408	263.923	263.827	2
3	262.427	262.427	262.444	262.510	262.525	262.657	262.505	262.445	262.957	263.483	263.905	263.831	3
4	262.423	262.427	262.444	262.512	262.517	262.657	262.497	262.446	262.886	263.532	263.894	263.832	4
5	262.417	262.430	262.442	262.519	262.574	262.658	262.495	262.445	262.816	263.572	263.883	263.834	5
6	262.414	262.430	262.440	262.535	262.665	262.654	262.486	262.449	262.751	263.601	263.875	263.847	6
7	262.414	262.434	262.443	262.556	262.633	262.657	262.487	262.444	262.710	263.622	263.863	263.851	7
8	262.416	262.433	262.442	262.537	262.601	262.674	262.491	262.440	262.688	263.639	263.851	263.850	8
9	262.421	262.433	262.443	262.522	262.606	262.666	262.474	262.440	262.685	263.662	263.840	263.850	9
10	262.425	262.432	262.438	262.514	262.597	262.662	262.458	262.441	262.682	263.693	263.835	263.852	10
11	262.426	262.433A	262.442	262.509	262.595	262.653	262.460	262.438	262.682	263.708	263.825	263.858	11
12	262.423	262.433	262.445	262.509	262.590	262.651	262.476	262.444	262.673	263.727	263.825	263.852	12
13	262.420	262.434	262.447	262.494	262.583	262.640	262.478	262.560	262.661	263.767	263.823	263.852	13
14	262.423	262.436	262.460	262.485	262.560	262.639	262.477	262.680	262.656	263.776	263.821	263.849	14
15	262.426	262.438	262.480	262.486	262.547	262.649	262.478	262.740	262.657	263.791	263.824	263.846A	15
16	262.422	262.441	262.504	262.485	262.539	262.650	262.487	262.771	262.648	263.863	263.830	263.851E	16
17	262.420	262.443	262.513	262.501	262.514	262.659	262.490	262.778	262.647	263.907	263.826	263.852A	17
18	262.424	262.442	262.486	262.501	262.498	262.675	262.482	262.817	262.640	263.936	263.825	263.853	18
19	262.421	262.440	262.473	262.496	262.499	262.669	262.483	262.918	262.624	263.952	263.823	263.862	19
20	262.416	262.442	262.461	262.493	262.502	262.655	262.482	262.968	262.603	263.968	263.824	263.872	20
21	262.426	262.440	262.462	262.492	262.497	262.649	262.480	263.000	262.596	263.978	263.822	263.878	21
22	262.427	262.439	262.455	262.495	262.484	262.642	262.472	263.025	262.600	263.978	263.822	263.873	22
23	262.427	262.440	262.449	262.493	262.487	262.625	262.472	263.042	262.602	263.983	263.821	263.872	23
24	262.429	262.441	262.444	262.486	262.475	262.607	262.470	263.021	262.591	263.993	263.821	263.873	24
25	262.430	262.440	262.452	262.508	262.465	262.591	262.464	262.921	262.586	264.008	263.820	263.869	25
26	262.431	262.442	262.481	262.524	262.523	262.571	262.456	262.929	262.597	264.008	263.821	263.869A	26
27	262.432	262.442	262.514	262.529	262.603	262.561	262.448	262.941	262.617	264.011	263.823	263.868A	27
28	262.429	262.441	262.543	262.519	262.639	262.548	262.442	262.947	262.590	263.993	263.829	263.868E	28
29	262.425		262.548	262.516	262.654	262.537	262.440	262.950	262.568	263.984	263.820	263.869A	29
30	262.426		262.556	262.523	262.661	262.518	262.436	262.953	262.907	263.969	263.820	263.872E	30
31	262.425		262.560		262.661		262.459	262.953		263.961		263.883E	31
MEAN	262.424	262.436	262.471	262.511	262.559	262.633	262.476	262.718	262.694	263.799	263.843	263.856	MEAN
MAX	262.432	262.443	262.560	262.556	262.665	262.675	262.510	263.042	262.957	264.011	263.943	263.883	MAX
MIN	262.414	262.425	262.438	262.485	262.465	262.518	262.436	262.438	262.568	263.282	263.820	263.825	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 262.871
MAXIMUM DAILY, 264.011 ON OCT 27
MINIMUM DAILY, 262.414 ON JAN 6
MAXIMUM INSTANTANEOUS,
264.020 AT 15:14 CST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 23 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIRCH RIVER NEAR MANITOBA BOUNDARY - STATION NO. 05KH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015E	0.015E	0.015E	0.015E	0.015E	1.41	0.477	0.281	8.94	1.45	0.015E	0.015E	1
2	0.015E	0.015E	0.015E	0.015E	0.015E	1.40	0.473	0.259	9.01	2.18	0.015E	0.015E	2
3	0.015E	0.015E	0.015E	0.015E	0.015E	1.40	0.459	0.259	9.11	2.66	0.015E	0.015E	3
4	0.015E	0.015E	0.015E	0.015E	0.015E	1.40	0.430	0.262	7.41	2.98	0.015E	0.015E	4
5	0.015E	0.015E	0.015E	0.015E	0.798	1.40	0.423	0.259	5.85	3.26	0.015E	0.015E	5
6	0.015E	0.015E	0.015E	0.015E	1.46	1.37	0.391	0.271	4.52	3.47	0.015E	0.015E	6
7	0.015E	0.015E	0.015E	0.015E	1.21	1.40	0.395	0.256	3.75	3.62	0.015E	0.015E	7
8	0.015E	0.015E	0.015E	0.015E	0.976	1.53	0.409	0.245	3.36	3.75	0.015E	0.015E	8
9	0.015E	0.015E	0.015E	0.015E	1.01	1.47	0.351	0.245	3.31	3.92	0.015E	0.015E	9
10	0.015E	0.015E	0.015E	0.015E	0.948	1.44	0.299	0.248	3.26	4.15	0.015E	0.015E	10
11	0.015E	0.015E	0.015E	0.015E	0.935	1.36	0.305	0.239	3.26	4.27	0.015E	0.015E	11
12	0.015E	0.015E	0.015E	0.015E	0.901	1.35	0.357	0.256	3.10	4.42	0.015E	0.015E	12
13	0.015E	0.015E	0.015E	0.015E	0.855	1.26	0.364	0.715	2.90	4.73	0.015E	0.015E	13
14	0.015E	0.015E	0.015E	0.015E	0.715	1.25	0.361	1.59	2.82	4.80	0.015E	0.015E	14
15	0.015E	0.015E	0.015E	0.015E	0.642	1.33	0.364	2.14	2.84	0.097	0.015E	0.015E	15
16	0.015E	0.015E	0.015E	0.015E	0.601	1.34	0.395	2.49	2.69	0.284	0.015E	0.015E	16
17	0.015E	0.015E	0.015E	0.015E	0.492	1.41	0.405	2.57	2.68	0.430	0.015E	0.015E	17
18	0.015E	0.015E	0.015E	0.015E	0.433	1.54	0.378	3.06	2.57	0.537	0.015E	0.015E	18
19	0.015E	0.015E	0.015E	0.015E	0.437	1.49	0.381	4.53	2.32	0.600	0.015E	0.015E	19
20	0.015E	0.015E	0.015E	0.015E	0.447	1.38	0.378	5.34	2.02	0.665	0.015E	0.015E	20
21	0.015E	0.015E	0.015E	0.015E	0.430	1.33	0.371	5.88	1.92	0.706	0.015E	0.015E	21
22	0.015E	0.015E	0.015E	0.015E	0.384	1.28	0.344	6.32	1.97	0.706	0.015E	0.015E	22
23	0.015E	0.015E	0.015E	0.015E	0.395	1.15	0.344	6.63	2.00	0.728	0.015E	0.015E	23
24	0.015E	0.015E	0.015E	0.015E	0.354	1.02	0.338	10.8	1.85	0.771	0.015E	0.015E	24
25	0.015E	0.015E	0.015E	0.015E	0.321	0.909	0.318	8.23	1.78	0.837	0.015E	0.015E	25
26	0.015E	0.015E	0.015E	0.015E	0.526	0.780	0.293	8.43	1.93	0.837	0.015E	0.015E	26
27	0.015E	0.015E	0.015E	0.015E	0.990	0.721	0.268	8.72	2.22	0.850	0.015E	0.015E	27
28	0.015E	0.015E	0.015E	0.015E	1.25	0.648	0.250	8.87	1.84	0.015E	0.015E	0.015E	28
29	0.015E		0.015E	0.015E	1.37	0.590	0.245	8.94	0.015	0.015E	0.015E	0.015E	29
30	0.015E		0.015E	0.015E	1.43	0.507	0.233	9.01	0.037	0.015E	0.015E	0.015E	30
31	0.015E		0.015E		1.43		0.302	9.01		0.015E		0.015E	31
TOTAL	0.465	0.420	0.465	0.450	21.800	36.865	11.101	116.355	101.282	57.768	0.450	0.465	TOTAL
MEAN	0.015	0.015	0.015	0.015	0.703	1.23	0.358	3.75	3.38	1.86	0.015	0.015	MEAN
MAX	0.015	0.015	0.015	0.015	1.46	1.54	0.477	10.8	9.11	4.80	0.015	0.015	MAX
MIN	0.015	0.015	0.015	0.015	0.015	0.507	0.233	0.239	0.015	0.015	0.015	0.015	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.953
MAXIMUM DAILY, 10.8 ON AUG 24
MINIMUM DAILY, 0.015E ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 23 W
DRAINAGE AREA, 1 340 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40.2	JUL	959
FEB	36.3	AUG	10 100
MAR	40.2	SEP	8 750
APR	38.9	OCT	4 990
MAY	1 880	NOV	38.9
JUN	3 190	DEC	40.2

TOTAL DISCHARGE, 30 100 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

BIRLING CREEK NEAR PAYNTON - STATION NO. 05EG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.004A	0.001	0	0	0	0	0	0	---	1
2	---	---	0 B	0.003	0.001	0	0	0	0	0	0	---	2
3	---	---	0 B	0.015	0.001	0	0	0	0	0	0	---	3
4	---	---	0 B	0.009	0.001	0	0	0	0	0	---	---	4
5	---	---	0 B	0.006	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.039	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.004	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.004	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.008	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.007	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.003	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.002	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	26
27	---	---	0.002B	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0.003B	0.001	0	0	0	0	0	0	---	---	28
29	---		0.004B	0.001	0	0	0	0	0	0	---	---	29
30	---		0.004E	0.001	0	0	0	0		0		---	30
31	---		0.004E		0		0	0		0		---	31
TOTAL	---	---	0.018	0.128	0.004	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.004	0.039	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.039 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.117 AT 10:41 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 45 N
LONG 108 59 00 W
DRAINAGE AREA, 424 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.56	SEP	0
APR	11.1	OCT	0
MAY	0.35	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 13.0 dam³

BISSETT CREEK NEAR CHOICELAND - STATION NO. 05KE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.029B	0.470E	0.047	0.094	0.025	0	0	---	---	1
2	---	---	0 B	0.040B	0.465E	0.045	0.083	0.021	0	0	---	---	2
3	---	---	0 B	0.030B	0.440E	0.039	0.061	0.015	0	0	---	---	3
4	---	---	0 B	0.043B	0.395E	0.028	0.039	0.012	0	0	---	---	4
5	---	---	0 B	0.070B	0.270E	0.017	0.025	0.007	0	0	---	---	5
6	---	---	0 B	0.150B	0.210E	0.006	0.018	0.001	0	0	---	---	6
7	---	---	0 B	0.135B	0.165E	0.027	0.018	0	0	0	---	---	7
8	---	---	0 B	0.095B	0.140E	0.046	0.018	0	0	0	---	---	8
9	---	---	0 B	0.082B	0.115E	0.040	0.003	0	0	0	---	---	9
10	---	---	0 B	0.074B	0.097E	0.039	0	0	0	0	---	---	10
11	---	---	0 B	0.066B	0.084E	0.035	0	0	0	0	---	---	11
12	---	---	0 B	0.061B	0.075E	0.024	0	0	0	0	---	---	12
13	---	---	0 B	0.058B	0.065E	0.011	0	0	0	0	---	---	13
14	---	---	0 B	0.082B	0.059E	0.001	0.001	0	0	0	---	---	14
15	---	---	0 B	0.130B	0.056E	0	0.027	0	0	0	---	---	15
16	---	---	0 B	0.300B	0.055E	0	0.071	0	0	0	---	---	16
17	---	---	0.001B	0.304B	0.055E	0.019	0.082	0	0	0	---	---	17
18	---	---	0.001B	0.300B	0.057A	0.039	0.081	0	0	0	---	---	18
19	---	---	0.002B	0.245B	0.061	0.042	0.071	0	0	0	---	---	19
20	---	---	0.003B	0.210B	0.074	0.040	0.057	0	0	0B	---	---	20
21	---	---	0.003B	0.182B	0.095	0.041	0.045	0	0	0B	---	---	21
22	---	---	0.004B	0.170B	0.215	0.099	0.032	0	0	0B	---	---	22
23	---	---	0.005B	0.165B	0.107	0.121	0.024	0	0	0B	---	---	23
24	---	---	0.006B	0.170B	0.061	0.137	0.022	0	0	0B	---	---	24
25	---	---	0.007B	0.195B	0.045	0.150	0.025	0	0	0B	---	---	25
26	---	---	0.008B	0.220B	0.036	0.147	0.016	0	0	0B	---	---	26
27	---	---	0.010B	0.255E	0.039	0.135	0.006	0	0	0B	---	---	27
28	---	---	0.014B	0.310E	0.041	0.128	0	0	0	0B	---	---	28
29	---		0.017B	0.430E	0.052	0.121	0	0	0	0B	---	---	29
30	---		0.021B	0.465E	0.051	0.109	0	0	0	0B	---	---	30
31	---		0.024B		0.049		0.020	0		0B		---	31
TOTAL	---	---	0.126	5.066	4.199	1.733	0.939	0.081	0	0	---	---	TOTAL
MEAN	---	---	0.004	0.169	0.135	0.058	0.030	0.003	0	0	---	---	MEAN
MAX	---	---	0.024	0.465	0.470	0.150	0.094	0.025	0	0	---	---	MAX
MIN	---	---	0	0.029	0.036	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.050
MAXIMUM DAILY, 0.470E ON MAY 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 11 N
LONG 104 34 07 W
DRAINAGE AREA, 538 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	81.1
FEB	---	AUG	7.00
MAR	10.9	SEP	0
APR	438	OCT	0
MAY	363	NOV	---
JUN	150	DEC	---

TOTAL DISCHARGE, 1 050 dam³

BLACKSTRAP RESERVOIR AT SOUTH SIDE OF CAUSEWAY - STATION NO. 05HG014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	534.453E	534.459E	534.464E	534.492E	534.495E	534.454	534.529E	534.368E	534.371	534.569	---	---	1
2	534.454E	534.459E	534.465E	534.492E	534.495E	534.487	534.527	534.369E	534.374E	534.569	---	---	2
3	534.454E	534.459E	534.466E	534.492E	534.495E	534.489	534.527	534.370E	534.377	534.554E	---	---	3
4	534.454E	534.460E	534.467E	534.492E	534.495E	534.446	534.527E	534.371	534.377	534.539	---	---	4
5	534.455E	534.460E	534.468E	534.492E	534.495E	534.446	534.527E	534.373	534.388E	534.527	---	---	5
6	534.455E	534.460E	534.469E	534.493E	534.495E	534.460E	534.527	534.391	534.399E	534.515	---	---	6
7	534.456E	534.460E	534.470E	534.493E	534.496E	534.475E	534.527	534.371	534.410E	534.499	---	---	7
8	534.456E	534.460E	534.471E	534.493E	534.496E	534.489	534.530	534.370E	534.421E	534.489	---	---	8
9	534.457E	534.460E	534.472E	534.493E	534.496E	534.479E	534.487	534.369E	534.432	534.475	---	---	9
10	534.457E	534.460E	534.472E	534.493E	534.496E	534.469	534.467	534.369	534.433E	534.476E	---	---	10
11	534.458E	534.460E	534.473E	534.493E	534.496	534.453	534.462E	534.369	534.433	534.477E	---	---	11
12	534.458E	534.460E	534.474E	534.493E	534.503E	534.453	534.457	534.352	534.443E	534.478E	---	---	12
13	534.459	534.460E	534.475E	534.493E	534.510E	534.478E	534.457E	534.354	534.452E	534.479	---	---	13
14	534.459E	534.460E	534.476E	534.493E	534.517E	534.503E	534.457	534.348	534.461	---	---	---	14
15	534.459E	534.460E	534.477E	534.494E	534.524E	534.529	534.422	534.349E	534.468	---	---	---	15
16	534.459E	534.460E	534.478E	534.494E	534.532E	534.535	534.422	534.350E	534.469E	---	---	---	16
17	534.459E	534.460E	534.479E	534.494E	534.539E	534.534	534.394	534.351E	534.470	---	---	---	17
18	534.459E	534.460E	534.480E	534.494E	534.546	534.528	534.383E	534.352	534.470	---	---	---	18
19	534.459E	534.460E	534.481E	534.494E	534.496E	534.526	534.372	534.344	534.473E	---	---	---	19
20	534.459E	534.460E	534.482E	534.494E	534.446	534.541	534.370	534.342	534.476E	---	---	---	20
21	534.459E	534.460E	534.483E	534.494E	534.445	534.542E	534.372	534.341	534.480	---	---	---	21
22	534.459E	534.460E	534.484E	534.494E	534.486	534.542E	534.372	534.343E	534.480	---	---	---	22
23	534.459E	534.460E	534.485E	534.494E	534.489E	534.542	534.372E	534.345E	534.489	---	---	---	23
24	534.459E	534.460E	534.485E	534.495E	534.492E	534.542	534.372	534.348	534.527	---	---	---	24
25	534.459E	534.460	534.486E	534.495E	534.494	534.542	534.370E	534.360	534.531	---	---	---	25
26	534.459E	534.461E	534.487E	534.495E	534.494	534.536	534.369E	534.365	534.543E	---	---	---	26
27	534.459E	534.462E	534.488E	534.495E	534.494	534.535E	534.368	534.369	534.554E	---	---	---	27
28	534.459E	534.463E	534.489E	534.495E	534.446	534.534E	534.364	534.370E	534.565	---	---	---	28
29	534.459		534.490E	534.495E	534.446	534.534	534.363	534.370E	534.571	---	---	---	29
30	534.459E		534.491E	534.495	534.449E	534.532E	534.367	534.371E	534.534	---	---	---	30
31	534.459E		534.492		534.451E		534.367	534.371		---		---	31
MEAN	534.458	534.460	534.478	534.494	534.492	534.505	534.433	534.361	534.462	---	---	---	MEAN
MAX	534.459	534.463	534.492	534.495	534.546	534.542	534.530	534.391	534.571	---	---	---	MAX
MIN	534.453	534.459	534.464	534.492	534.445	534.446	534.363	534.341	534.371	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 534.571 ON SEP 29
MINIMUM DAILY, 534.341 ON AUG 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 50 N
LONG 106 24 30 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BOGGY CREEK NEAR LUNSDEN - STATION NO. 05JF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.008B	0.004B	0.003	0.002	0.002	0	0	0	0.002	---	1
2	---	0 B	0.008B	0.005	0.004	0.002	0.001	0	0	0	0.002	---	2
3	---	0 B	0.009B	0.004	0.001	0.002	0	0	0	0	0.002	---	3
4	---	0 B	0.010B	0.004	0.001	0.002	0	0	0	0	0.002	---	4
5	---	0 B	0.009B	0.005	0.002	0.001	0	0	0	0	0.002	---	5
6	---	0 B	0.008B	0.006	0.002	0.001	0	0	0	0	0.002A	---	6
7	---	0 B	0.009B	0.006	0.002	0.001	0	0	0	0	---	---	7
8	---	0 B	0.010B	0.004	0.002	0.001	0	0	0	0	---	---	8
9	---	0 B	0.011B	0.004	0.002	0.002	0	0	0	0	---	---	9
10	---	0 B	0.011B	0.004	0.002	0.002	0	0	0	0	---	---	10
11	---	0 B	0.012B	0.004	0.002	0.003	0	0	0	0	---	---	11
12	---	0 B	0.009B	0.004	0.002	0.003	0	0	0	0	---	---	12
13	---	0 B	0.008B	0.004	0.002	0.004	0	0	0	0.002	---	---	13
14	---	0 B	0.011B	0.004	0.002	0.004	0	0	0	0.002	---	---	14
15	---	0 B	0.011B	0.004	0.002	0.004	0	0	0	0.002	---	---	15
16	---	0 B	0.011B	0.004	0.002	0.004	0	0	0	0.002	---	---	16
17	---	0.001B	0.009B	0.004	0.002	0.004	0	0	0	0.002	---	---	17
18	---	0.003B	0.009B	0.004	0.002	0.004	0	0	0	0.002	---	---	18
19	---	0.004B	0.010B	0.004	0.002	0.004	0	0	0	0.002	---	---	19
20	---	0.005B	0.011B	0.004	0.002	0.004	0	0	0	0.002	---	---	20
21	---	0.005B	0.011B	0.004	0.002	0.004	0	0	0	0.002	---	---	21
22	---	0.006B	0.010B	0.004	0.002	0.004	0	0	0	0.002	---	---	22
23	---	0.006B	0.011B	0.004	0.002	0.004	0	0	0	0.002	---	---	23
24	---	0.008B	0.012B	0.004	0.002	0.003	0	0	0	0.002	---	---	24
25	---	0.007B	0.012B	0.004	0.002	0.003	0	0	0	0.002	---	---	25
26	---	0.007B	0.012B	0.004	0.002	0.003	0	0	0	0.002	---	---	26
27	---	0.007B	0.010B	0.004	0.002	0.003	0	0	0	0.002	---	---	27
28	---	0.008B	0.010B	0.004	0.002	0.003	0	0	0	0.002	---	---	28
29	---		0.010B	0.004	0.002	0.002	0	0	0	0.002	---	---	29
30	---		0.009B	0.003	0.002	0.002	0	0	0	0.002	---	---	30
31	---		0.005B		0.002		0	0		0.002		---	31
TOTAL	---	0.067	0.306	0.125	0.063	0.085	0.003	0	0	0.038	---	---	TOTAL
MEAN	---	0.002	0.010	0.004	0.002	0.003	0	0	0	0.001	---	---	MEAN
MAX	---	0.008	0.012	0.006	0.004	0.004	0.002	0	0	0.002	---	---	MAX
MIN	---	0	0.005	0.003	0.001	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.012B ON MAR 11
MINIMUM DAILY, 0 ON JUL 3
MAXIMUM INSTANTANEOUS,
0.016B AT 15:05 CST ON MAR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 55 N
LONG 104 49 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	5.79	AUG	0
MAR	26.4	SEP	0
APR	10.8	OCT	3.28
MAY	5.44	NOV	---
JUN	7.34	DEC	---

TOTAL DISCHARGE, 53.5 dam³

BOUNDARY RESERVOIR NEAR ESTEVAN - STATION NO. 05NB012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	557.855E	557.767	558.557	558.620	558.493	558.273	558.186	557.919	557.693	557.426	557.235	557.132	1
2	557.852E	557.766	558.580	558.620	558.487	558.266	558.172	557.917	557.667	557.416	557.232	557.129	2
3	557.848E	557.763	558.595	558.625	558.477	558.260	558.167	557.910	557.653	557.403	557.231	557.121	3
4	557.842E	557.763	558.610	558.627	558.470	558.260	558.160	557.899	557.645	557.396	557.221	557.120	4
5	557.834A	557.757	558.615	558.629	558.466	558.252	558.150	557.889	557.628	557.392	557.216	557.118	5
6	557.830	557.755	558.616	558.622	558.456	558.248	558.137	557.882	557.617	557.389	557.211	557.115	6
7	557.832	557.734	558.625	558.611	558.443	558.237	558.127	557.872	557.607	557.379	557.201	557.108	7
8	557.827	557.744	558.631	558.611	558.436	558.232	558.111	557.861	557.604	557.372	557.194	557.105	8
9	557.824	557.738	558.638	558.611	558.432	558.227	558.098	557.851	557.594	557.370	557.193	557.105	9
10	557.826	557.732	558.640	558.603	558.423	558.220	558.085	557.843	557.583	557.364	557.190	557.103	10
11	557.827	557.731	558.641	558.598	558.418	558.219	558.070	557.832	557.572	557.359	557.187	557.098	11
12	557.825	557.730	558.638	558.593	558.408	558.221	558.066	557.819	557.559	557.366	557.187	557.090	12
13	557.819	557.731	558.644	558.579	558.405	558.226	558.059	557.809	557.546	557.358	557.183	557.085	13
14	557.815	557.733	558.640	558.580	558.403	558.232	558.063	557.796	557.536	557.354	557.181	557.079	14
15	557.816	557.734	558.641	558.580	558.395	558.223	558.057	557.786	557.525	557.353	557.178	557.075	15
16	557.815	557.739	558.647	558.572	558.367	558.228	558.044	557.781	557.518	557.349	557.173	557.069	16
17	557.812	557.745	558.643	558.554	558.354	558.226	558.037	557.775	557.507	557.333	557.168	557.064	17
18	557.811	557.755	558.639	558.553	558.349	558.222	558.032	557.768	557.499	557.330	557.169	557.058	18
19	557.804	557.800	558.639	558.543	558.342	558.221	558.023	557.773	557.490	557.321	557.171	557.054	19
20	557.803	557.911	558.641	558.538	558.330	558.221	558.016	557.770	557.477	557.306	557.171	557.050	20
21	557.802	558.043	558.630	558.525	558.324	558.222	558.013	557.766	557.470	557.296	557.167	557.039	21
22	557.801	558.170	558.633	558.522	558.314	558.223	558.007	557.763	557.471	557.284	557.164	557.034	22
23	557.801	558.289	558.634	558.521	558.302	558.223	558.002	557.765	557.464	557.282	557.162	557.031	23
24	557.800	558.383	558.633	558.513	558.305	558.216	557.986	557.769	557.459	557.273	557.161	557.028	24
25	557.792	558.449	558.625	558.506	558.306	558.213	557.973	557.769	557.457	557.270	557.158	557.024	25
26	557.793	558.486	558.627	558.505	558.305	558.211	557.965	557.764	557.445	557.263	557.158	557.017	26
27	557.791	558.513	558.622	558.504	558.305	558.202	557.954	557.754	557.444	557.258	557.154	557.009	27
28	557.790	558.541	558.628	558.503	558.302	558.198	557.943	557.746	557.438	557.254	557.150	557.003	28
29	557.787		558.630	558.496	558.290	558.195	557.942	557.732	557.427	557.250	557.146	556.999	29
30	557.784		558.628	558.491	558.287	558.189	557.937	557.719	557.427	557.241	557.137	556.992	30
31	557.774		558.612		558.285		557.926	557.700		557.241		556.988	31
MEAN	557.814	557.929	558.627	558.565	558.377	558.227	558.049	557.806	557.538	557.331	557.182	557.066	MEAN
MAX	557.855	558.541	558.647	558.629	558.493	558.273	558.186	557.919	557.693	557.426	557.235	557.132	MAX
MIN	557.774	557.730	558.557	558.491	558.285	558.189	557.926	557.700	557.427	557.241	557.137	556.988	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 557.875
MAXIMUM DAILY, 558.647 ON MAR 16
MINIMUM DAILY, 556.988 ON DEC 31
MAXIMUM INSTANTANEOUS,
558.653 AT 16:47 CST ON MAR 16

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 49 N
LONG 103 01 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1958

BOXELDER CREEK NEAR WALSH - STATION NO. 05AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 E	0	0	0	0	0	0	0	0	0	---	1
2	---	0 E	0	0	0	0	0	0	0	0	0	---	2
3	---	0 E	0	0	0	0	0	0	0	0	0A	---	3
4	---	0 E	0	0	0	0	0	0	0	0	---	---	4
5	---	0 E	0	0	0	0	0	0	0	0	---	---	5
6	---	0 E	0	0	0	0	0	0	0	0	---	---	6
7	---	0 E	0	0	0	0	0	0	0	0	---	---	7
8	---	0 E	0	0	0	0	0	0	0	0	---	---	8
9	---	0 E	0	0	0	0	0	0	0	0	---	---	9
10	---	0 E	0	0	0	0	0	0	0	0	---	---	10
11	---	0 E	0	0	0	0	0	0	0	0	---	---	11
12	---	0 E	0	0	0	0	0	0	0	0	---	---	12
13	---	0 E	0	0	0	0	0	0	0	0	---	---	13
14	---	0 E	0	0	0	0	0	0	0	0	---	---	14
15	---	0.085E	0	0	0	0.180	0	0	0	0	---	---	15
16	---	0.205E	0	0	0	1.15	0	0	0	0	---	---	16
17	---	0.312A	0	0	0	1.38	0	0	0	0	---	---	17
18	---	0.323	0	0	0	0.442	0	0	0	0	---	---	18
19	---	0.223	0	0	0	0.177	0	0	0	0	---	---	19
20	---	0.139	0	0	0	0.093	0	0	0	0	---	---	20
21	---	0.091	0	0	0	0.041	0	0	0	0	---	---	21
22	---	0.054A	0	0	0	0.018	0	0	0	0	---	---	22
23	---	0.012A	0	0	0	0.007	0	0	0	0	---	---	23
24	---	0.039	0	0	0	0	0	0	0	0	---	---	24
25	---	0.050	0	0	0	0	0	0	0	0	---	---	25
26	---	0.008	0	0	0	0	0	0	0	0	---	---	26
27	---	0.005	0	0	0	0	0	0	0	0	---	---	27
28	---	0.003	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	1.549	0	0	0	3.488	0	0	0	0	---	---	TOTAL
MEAN	---	0.055	0	0	0	0.116	0	0	0	0	---	---	MEAN
MAX	---	0.323	0	0	0	1.38	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 1.38 ON JUN 17
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.66 AT 05:40 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 39 N
LONG 109 59 19 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	134	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	301	DEC	---

TOTAL DISCHARGE, 301 dam³

BRADWELL INLET CANAL ABOVE BRADWELL RESERVOIR - STATION NO. 05HG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0.572E	0.273	0	---	---	1
2	---	---	0	0	0	0	0	0.572E	0.421E	0	---	---	2
3	---	---	0	0	0	0	0	0.571E	0.570	0	---	---	3
4	---	---	0	0	0	0	0	0.570	0.646	0	---	---	4
5	---	---	0	0	0	0	0	0.570	0.650E	0	---	---	5
6	---	---	0	0	0	0	0	0.549	0.653E	0	---	---	6
7	---	---	0	0	0	0	0	0.532	0.657E	0	---	---	7
8	---	---	0	0	0	0	0	0.512E	0.660	0	---	---	8
9	---	---	0	0	0	0	0	0.492E	0.660	0	---	---	9
10	---	---	0	0	0	0	0	0.472	0.653	0	---	---	10
11	---	---	0	0	0.010E	0	0	0.685	0.667	0	---	---	11
12	---	---	0	0	0.020E	0	0	0.598	0.660	0	---	---	12
13	---	---	0	0	0.020E	0	0	0.585	0.660E	0	---	---	13
14	---	---	0	0	0.020E	0	0	0.594	0.660	0	---	---	14
15	---	---	0	0	0.026	0	0	0.595E	0.496	0	---	---	15
16	---	---	0	0	0.022E	0	0	0.597E	0.653	0	---	---	16
17	---	---	0	0	0.019E	0	0.457	0.598	0.653	0	---	---	17
18	---	---	0	0	0.015E	0	0.452E	0.564	0.653	0	---	---	18
19	---	---	0	0	0.011E	0	0.448E	0.464	0.653E	0	---	---	19
20	---	---	0	0	0.007E	0	0.444	0.532	0.653E	0	---	---	20
21	---	---	0	0	0.004E	0	0.236	0.509	0.653	0	---	---	21
22	---	---	0	0	0	0	0.374	0.495E	0.300	0	---	---	22
23	---	---	0	0	0.046E	0	0.393	0.481E	0	0	---	---	23
24	---	---	0	0	0.093E	0	0.518	0.467	0	0	---	---	24
25	---	---	0	0	0.139	0	0.516E	0.292	0	0	---	---	25
26	---	---	0	0	0.070	0	0.510E	0.403	0	0	---	---	26
27	---	---	0	0	0	0	0.507	0.403E	0	0	---	---	27
28	---	---	0	0	0	0	0.585	0.403	0	0	---	---	28
29	---		0	0	0	0	0.552	0.446E	0	0	---	---	29
30	---		0	0	0	0	0.567	0.489E	0	0	---	---	30
31	---		0		0		0.573	0.532		0		---	31
TOTAL	---	---	0	0	0.522	0	7.130	16.144	13.204	0	---	---	TOTAL
MEAN	---	---	0	0	0.017	0	0.230	0.521	0.440	0	---	---	MEAN
MAX	---	---	0	0	0.139	0	0.585	0.685	0.667	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0.292	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.151
MAXIMUM DAILY, 0.685 ON AUG 11
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 54 36 N
LONG 106 13 54 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	616
FEB	---	AUG	1 390
MAR	0	SEP	1 140
APR	0	OCT	0
MAY	45.1	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 190 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

BRADWELL RESERVOIR AT PUMP STATION - STATION NO. 05HG013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	530.069E	530.002E	529.891E	529.847E	529.775E	529.573E	529.373E	529.361E	529.951	530.358E	530.224E	530.163	1
2	530.068	530.000	529.888	529.847E	529.769E	529.562E	529.356E	529.383E	529.954E	530.353E	530.227E	530.162E	2
3	530.066E	529.994E	529.885E	529.846E	529.762E	529.550E	529.339E	529.406E	529.958	530.349E	530.230E	530.160E	3
4	530.064E	529.988E	529.882E	529.846E	529.756E	529.539E	529.322E	529.429E	529.983E	530.344E	530.232E	530.159	4
5	530.062	529.982E	529.879E	529.845E	529.749E	529.527	529.305E	529.452E	530.008E	530.340E	530.235E	530.156E	5
6	530.060E	529.977E	529.875E	529.845E	529.743E	529.522E	529.288E	529.475E	530.032E	530.335E	530.238	530.152E	6
7	530.057E	529.971E	529.872E	529.844E	529.736E	529.517E	529.271E	529.497E	530.057E	530.331E	530.237E	530.149E	7
8	530.055E	529.965E	529.869E	529.844E	529.730	529.513E	529.254E	529.520E	530.082E	530.326E	530.235E	530.145E	8
9	530.052E	529.959	529.866	529.843E	529.723E	529.508E	529.237E	529.543E	530.106E	530.322E	530.234	530.142E	9
10	530.050E	529.955E	529.865E	529.843E	529.717E	529.503	529.220E	529.566E	530.131E	530.317E	530.230E	530.138E	10
11	530.047E	529.951E	529.863E	529.842E	529.710E	529.501E	529.203E	529.588E	530.155	530.313E	530.226E	530.135E	11
12	530.045E	529.947E	529.862E	529.842E	529.704E	529.499E	529.186E	529.611E	530.180E	530.308E	530.223E	530.131E	12
13	530.042E	529.944E	529.861E	529.841	529.697E	529.496E	529.169E	529.634E	530.204E	530.304E	530.219E	530.128E	13
14	530.040E	529.940E	529.859E	529.841E	529.691E	529.494E	529.152E	529.657	530.229E	530.299E	530.215E	530.124	14
15	530.037E	529.936E	529.858E	529.840E	529.684E	529.492	529.134E	529.676E	530.253E	530.295E	530.211	530.123E	15
16	530.035E	529.932	529.856E	529.840	529.678E	529.489E	529.117E	529.696E	530.277E	530.290	530.209E	530.122	16
17	530.032E	529.929E	529.855	529.834E	529.671E	529.486E	529.100	529.715E	530.302E	530.285E	530.206E	530.120E	17
18	530.030E	529.926E	529.857E	529.827E	529.665E	529.483E	529.121E	529.734E	530.326	530.281E	530.204E	530.118E	18
19	530.027E	529.923E	529.858E	529.821E	529.658	529.480E	529.142E	529.754E	530.330E	530.276E	530.202E	530.115E	19
20	530.025	529.919E	529.860E	529.815E	529.655E	529.477E	529.163E	529.773E	530.334E	530.271E	530.199E	530.113E	20
21	530.023E	529.916E	529.861E	529.808E	529.651E	529.474E	529.184E	529.792E	530.337E	530.267E	530.197E	530.111E	21
22	530.021E	529.913	529.863E	529.802E	529.648E	529.471E	529.204E	529.812E	530.341E	530.262E	530.195E	530.109E	22
23	530.019E	529.910E	529.864	529.795E	529.645E	529.468E	529.225	529.831E	530.345E	530.258E	530.192E	530.106E	23
24	530.017E	529.907E	529.862E	529.789	529.641E	529.465E	529.240E	529.850E	530.348E	530.253E	530.190	530.104E	24
25	530.015E	529.904E	529.860E	529.793E	529.638E	529.462E	529.255E	529.870	530.352E	530.248E	530.186E	530.102E	25
26	530.013E	529.901E	529.858E	529.797E	529.634E	529.459	529.270E	529.881	530.356E	530.244E	530.182E	530.100E	26
27	530.012E	529.897E	529.856E	529.801	529.631	529.442E	529.285	529.892E	530.360E	530.239E	530.178E	530.097E	27
28	530.010E	529.894E	529.854E	529.795E	529.619E	529.425E	529.295E	529.904E	530.363E	530.234E	530.175E	530.095	28
29	530.008E		529.852E	529.788E	529.608E	529.408E	529.305E	529.916E	530.367	530.230E	530.171E	530.094E	29
30	530.006E		529.850E	529.782E	529.596E	529.390E	529.315	529.927E	530.362E	530.225	530.167E	530.092E	30
31	530.004E		529.848		529.585E		529.338E	529.939E		530.221		530.091	31
MEAN	530.036	529.942	529.864	529.825	529.683	529.489	529.238	529.680	530.213	530.290	530.209	530.124	MEAN
MAX	530.069	530.002	529.891	529.847	529.775	529.573	529.373	529.939	530.367	530.358	530.238	530.163	MAX
MIN	530.004	529.894	529.848	529.782	529.585	529.390	529.100	529.361	529.951	530.221	530.167	530.091	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 529.882
MAXIMUM DAILY, 530.367 ON SEP 29
MINIMUM DAILY, 529.100 ON JUL 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 56 00 N
LONG 106 10 40 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIDGE CREEK AT GULL LAKE - STATION NO. 05HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0 B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0	0	0	0.010	0	0	0	0	---	---	14
15	---	0.005B	0	0	0	0.004	0	0	0	0	---	---	15
16	---	0.050B	0	0	0	0.001	0	0	0	0	---	---	16
17	---	0.250B	0	0	0	0.010	0	0	0	0	---	---	17
18	---	0.493B	0	0	0	0.011	0	0	0	0	---	---	18
19	---	0.332B	0	0	0	0.011	0	0	0	0	---	---	19
20	---	0.221B	0	0	0	0.008	0	0	0	0	---	---	20
21	---	0.130B	0	0	0	0.005	0	0	0	0	---	---	21
22	---	0.137B	0	0	0	0.003	0	0	0	0	---	---	22
23	---	0.050B	0	0	0	0.002	0	0	0	0	---	---	23
24	---	0.015B	0	0	0	0.001	0	0	0	0	---	---	24
25	---	0.009B	0	0	0	0	0	0	0	0	---	---	25
26	---	0.006B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.004B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.002B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	1.704	0.003	0	0	0.066	0	0	0	0	---	---	TOTAL
MEAN	---	0.061	0	0	0	0.002	0	0	0	0	---	---	MEAN
MAX	---	0.493	0.002	0	0	0.011	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.011 ON JUN 18
MINIMUM DAILY, 0B ON MAR 3
MAXIMUM INSTANTANEOUS,
1.32B AT 13:07 CST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 36 N
LONG 108 29 38 W
DRAINAGE AREA, 378 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	147	AUG	0
MAR	0.26	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	5.70	DEC	---

TOTAL DISCHARGE, 5.96 dam³

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

BRIGHTWATER CREEK BELOW BRIGHTWATER RESERVOIR - STATION NO. 05HG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	2.00	0	0	0	0	0	0	---	---	6
7	---	---	0	3.44	0	0	0	0	0	0	---	---	7
8	---	---	0	5.60	0	0	0	0	0	0	---	---	8
9	---	---	0	5.47	0	0	0	0	0	0	---	---	9
10	---	---	0	5.47	0	0	0	0	0	0	---	---	10
11	---	---	0	5.26 E	0	0	0	0	0	0	---	---	11
12	---	---	0	5.05 E	0	0	0	0	0	0	---	---	12
13	---	---	0	4.84	0	0	0	0	0	0	---	---	13
14	---	---	0	4.87	0	0	0	0	0	0	---	---	14
15	---	---	0	5.42	0	0	0	0	0	0	---	---	15
16	---	---	0	5.33	0	0	0	0	0	0	---	---	16
17	---	---	0	4.95	0	0	0	0	0	0	---	---	17
18	---	---	0	3.50 E	0	0	0	0	0	0	---	---	18
19	---	---	0	2.06	0	0	0	0	0	0	---	---	19
20	---	---	0	2.04	0	0	0	0	0	0	---	---	20
21	---	---	0	1.96	0	0	0	0	0	0	---	---	21
22	---	---	0	0.750	1.20	0	0	0	0	0	---	---	22
23	---	---	0	0	1.90	0	0	0	0	0	---	---	23
24	---	---	0	0	1.90	0	0	0	0	0	---	---	24
25	---	---	0	0	1.92	0	0	0	0	0	---	---	25
26	---	---	0	0	1.92	0	0	0	0	0	---	---	26
27	---	---	0	0	1.93	0	0	0	0	0	---	---	27
28	---	---	0	0	1.20	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	68.010	11.97	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.27	0.386	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.60	1.93	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.326
MAXIMUM DAILY, 5.60 ON APR 8
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 37 08 N
LONG 106 32 42 W
DRAINAGE AREA, 1 530 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 880	OCT	0
MAY	1 030	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6 910 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED SINCE 1967

BRIGHTWATER CREEK NEAR KENASTON - STATION NO. 05HG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.122	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.106	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.077	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.050	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.035	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.025	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.019	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.016	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.016	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.016	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.013	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.005	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.004	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.004	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.004	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.003	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.003	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.003	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.002	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.001	0	0.352	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0.453	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0.151	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0.041	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0.005	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0.004	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0.003	0	0	0	0	---	---	26
27	---	---	0 B	0	0	0.002	0	0	0	0	---	---	27
28	---	---	0 B	0	0	0.002	0	0	0	0	---	---	28
29	---		0 B	0	0	0.002	0	0	0	0	---	---	29
30	---		0 B	0	0	0.001	0	0	0	0	---	---	30
31	---		0.003B		0		0	0		0		---	31
TOTAL	---	---	0.003	0.522	0	1.016	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.017	0	0.038	0	0	0	0	---	---	MEAN
MAX	---	---	0.003	0.122	0	0.453	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.453 ON JUN 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.67 AT 17:32 CST ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 106 30 03 W
DRAINAGE AREA, 898 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.26	SEP	0
APR	45.1	OCT	0
MAY	0	NOV	---
JUN	87.8	DEC	---

TOTAL DISCHARGE, 133 dam³

BRIGHTWATER CREEK NEAR PROCTOR LAKE - STATION NO. 05HG020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0.100B	0	0	0	0	0	0	---	---	7
8	---	---	0B	4.33 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	5.40	0	0	0	0	0	0	---	---	9
10	---	---	0B	5.30	0	0	0	0	0	0	---	---	10
11	---	---	0B	5.11	0	0	0	0	0	0	---	---	11
12	---	---	0B	5.00	0	0	0	0	0	0	---	---	12
13	---	---	0B	4.86	0	0	0	0	0	0	---	---	13
14	---	---	0B	4.84	0	0	0	0	0	0	---	---	14
15	---	---	0B	5.04	0	0	0	0	0	0	---	---	15
16	---	---	0B	5.00	0	0	0	0	0	0	---	---	16
17	---	---	0B	4.85	0	0	0	0	0	0	---	---	17
18	---	---	0B	3.62	0	0	0	0	0	0	---	---	18
19	---	---	0B	1.03	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.004	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.005	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.289	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.045	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0.017	0	0	0	0	0	---	---	24
25	---	---	0B	0	0.185	0	0	0	0	0	---	---	25
26	---	---	0B	0	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---		0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	54.823	0.203	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.83	0.007	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.40	0.185	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.225
MAXIMUM DAILY, 5.40 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.50 AT 12:00 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 49 N
LONG 106 35 38 W
DRAINAGE AREA, 1 750 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	4 740	OCT	0
MAY	17.5	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 760 dam³

BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET - STATION NO. 05HG006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	545.092E	545.116E	545.118E	545.182	541.713	545.308	545.388E	544.798E	545.056	545.325	545.211	545.191E	1
2	545.095	545.116E	545.118	545.189E	541.713E	545.273	545.344	544.796E	545.081	545.315	545.211	545.192	2
3	545.099	545.116E	545.118E	545.195	541.713E	545.218	545.295	544.794E	545.088	545.306E	545.210E	545.192E	3
4	545.102	545.116E	545.118	545.201E	541.714	545.154	545.248E	544.792	545.101	545.298E	545.208E	545.192	4
5	545.105	545.116E	545.120E	545.206E	541.714	545.098	545.201E	544.774	545.111E	545.289	545.207E	545.192E	5
6	545.108	545.116E	545.121	545.211	542.017	545.066E	545.154	544.811	545.122E	545.240	545.205	545.191E	6
7	545.110E	545.116E	545.123E	545.092	542.292	545.033E	545.132	544.841	545.132E	545.238	545.205E	545.191	7
8	545.112E	545.116E	545.124E	544.909	542.442	545.001	545.132	544.860E	545.143	545.229E	545.205E	545.191E	8
9	545.113E	545.116E	545.125E	544.732	542.773E	544.983	545.093	544.878E	545.161	545.219	545.205	545.190E	9
10	545.115E	545.117E	545.127E	544.460E	543.105E	545.021	545.070	544.896	545.171	545.222E	545.203E	545.190E	10
11	545.117E	545.117E	545.128E	544.189E	543.437	545.008	545.069E	544.899	545.180	545.225E	545.201E	545.189	11
12	545.118	545.117E	545.129E	543.918E	543.437	544.993	545.067E	544.886	545.181E	545.227E	545.199E	545.189E	12
13	545.118E	545.117E	545.131E	543.647	543.647	545.015E	545.065	544.876	545.183E	545.230	545.197	545.189E	13
14	545.119E	545.117E	545.132E	543.391	543.917	545.038E	545.063	544.875	545.185	545.230	545.196E	545.189	14
15	545.119E	545.117E	545.133E	543.068	544.055	545.060	545.082	544.881E	545.190	545.228E	545.196E	545.189E	15
16	545.119E	545.117E	545.135	542.779	544.222E	545.080	545.033	544.886E	545.196	545.225	545.195	545.189E	16
17	545.119E	545.117E	545.135E	542.556E	544.390E	545.091	545.019	544.891	545.196	545.225E	545.195E	545.189E	17
18	545.119E	545.117E	545.136E	542.334E	544.557	545.118	544.940E	544.887	545.191	545.225E	545.195	545.189	18
19	545.119	545.117E	545.136E	542.111	544.733	545.126	544.861E	544.920	545.191E	545.225	545.195E	545.189E	19
20	545.118E	545.117E	545.137	541.995	544.874	545.300E	544.782	544.925E	545.190E	545.218E	545.195	545.189E	20
21	545.118E	545.117E	545.140E	541.822	544.975	545.483	544.772	544.930	545.189	545.211	545.185	545.189	21
22	545.118E	545.117E	545.143E	541.648	544.987E	545.593	544.797	544.939E	545.204	545.211E	545.188E	545.189E	22
23	545.118E	545.117E	545.147E	541.657E	544.999E	545.593	544.797	544.948E	545.210	545.211	545.190	545.190E	23
24	545.117E	545.117E	545.150E	541.667E	545.011E	545.643	544.802	544.957	545.215	545.209E	545.190E	545.190E	24
25	545.117E	545.117E	545.153	541.676E	545.022	545.613	544.823E	544.963	545.195	545.207E	545.190	545.190E	25
26	545.117	545.117	545.157E	541.685E	545.027	545.583	544.844E	544.972	545.165E	545.205	545.190E	545.190E	26
27	545.117E	545.117E	545.160E	541.694E	545.017	545.553E	544.865	545.021	545.135	545.205E	545.190	545.191E	27
28	545.116E	545.118E	545.163E	541.703E	545.188	545.523E	544.842	545.033	545.153E	545.205E	545.190E	545.191	28
29	545.116		545.167E	541.712	545.228	545.492	544.817	545.042E	545.170	545.205	545.189E	545.191E	29
30	545.116E		545.170	541.712E	545.254E	545.432	544.807	545.051E	545.200	545.208E	545.189	545.190	30
31	545.116E		545.182		545.281E		544.800	545.061		545.211		545.190	31
MEAN	545.114	545.117	545.138	543.245	543.821	545.250	545.000	544.906	545.163	545.233	545.198	545.190	MEAN
MAX	545.119	545.118	545.182	545.211	545.281	545.643	545.388	545.061	545.215	545.325	545.211	545.192	MAX
MIN	545.092	545.116	545.118	541.648	541.713	544.983	544.772	544.774	545.056	545.205	545.185	545.189	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 544.864
MAXIMUM DAILY, 545.643 ON JUN 24
MINIMUM DAILY, 541.648 ON APR 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 36 47 N
LONG 106 32 09 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION - STATION NO. 05HF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.37	9.51	8.41	6.30	6.22	0	---	---	1
2	---	---	0	0	0	9.51	9.85	6.30	6.22	0	---	---	2
3	---	---	0	0	1.09	9.51	9.85	6.30	6.22	0	---	---	3
4	---	---	0	0	3.10	9.51	9.85	6.30	6.22	0	---	---	4
5	---	---	0	0	3.90	9.51	9.85	6.30	6.22	0	---	---	5
6	---	---	0	0	6.95	9.51	9.88	6.30	6.17	0	---	---	6
7	---	---	0	0	8.54	9.62	9.88	6.30	6.17	0	---	---	7
8	---	---	0	0	8.54	9.62	9.88	6.30	6.17	0	---	---	8
9	---	---	0	0	8.54	9.62	9.88	6.30	6.17	0	---	---	9
10	---	---	0	0	8.54	8.19	9.88	6.30	6.17	0	---	---	10
11	---	---	0	0	8.54	9.62	9.88	6.30	6.17	0	---	---	11
12	---	---	0	0	8.54	9.62	9.88	6.30	6.17	0	---	---	12
13	---	---	0	0	8.54	9.62	9.88	6.30	6.17	0	---	---	13
14	---	---	0	0	8.54	9.74	14.4	6.30	9.57	0	---	---	14
15	---	---	0	0	8.54	9.74	15.9	6.30	11.0	0	---	---	15
16	---	---	0	0	8.54	9.74	15.9	6.30	11.0	0	---	---	16
17	---	---	0	0	8.71	9.74	15.9	6.30	11.0	0	---	---	17
18	---	---	0	0	8.71	4.05	15.9	6.30	10.9	0	---	---	18
19	---	---	0	0	8.71	0	15.9	6.30	10.9	0	---	---	19
20	---	---	0	0	8.71	0	16.0	6.30	10.9	0	---	---	20
21	---	---	0	0	8.71	0	16.0	6.30	10.9	0	---	---	21
22	---	---	0	0	8.71	0	16.0	6.30	10.9	0	---	---	22
23	---	---	0	0	8.71	0	16.0	6.30	7.48	0	---	---	23
24	---	---	0	0	9.14	0	16.0	6.25	6.08	0	---	---	24
25	---	---	0	0	9.14	0	16.0	6.25	6.08	0	---	---	25
26	---	---	0	0	9.14	0	16.0	6.25	6.08	0	---	---	26
27	---	---	0	0	9.14	0	16.1	6.25	6.04	0	---	---	27
28	---	---	0	0	9.14	0	16.1	6.25	6.04	0	---	---	28
29	---		0	0	8.37	2.87	16.1	6.25	6.04	0	---	---	29
30	---		0	0	9.14	3.48	16.1	6.25	6.04	0	---	---	30
31	---		0		9.51		9.97	6.25		0		---	31
TOTAL	---	---	0	0	235.50	172.33	407.12	194.90	227.41	0	---	---	TOTAL
MEAN	---	---	0	0	7.60	5.74	13.1	6.29	7.58	0	---	---	MEAN
MAX	---	---	0	0	9.51	9.74	16.1	6.30	11.0	0	---	---	MAX
MIN	---	---	0	0	0	0	8.41	6.25	6.04	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.05
MAXIMUM DAILY, 16.1 ON JUL 27
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 07 N
LONG 106 50 10 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 200
FEB	---	AUG	16 800
MAR	0	SEP	19 600
APR	0	OCT	0
MAY	20 300	NOV	---
JUN	14 900	DEC	---

TOTAL DISCHARGE, 107 000 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

BRODERICK RESERVOIR AT WEST EMBANKMENT - STATION NO. 05HF017

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	562.714	562.736	562.701	562.728	562.654	562.172	561.581	562.563	562.620	---	1
2	---	---	562.713	562.736	562.701	562.721	562.697	562.135	561.604	562.581	562.618A	---	2
3	---	---	562.716	562.737	562.696	562.722	562.695	562.104	561.622	562.595	---	---	3
4	---	---	562.717	562.738	562.700	562.715	562.640	562.070	561.633	562.608	---	---	4
5	---	---	562.714	562.741	562.696	562.693	562.538	562.036	561.648	562.617	---	---	5
6	---	---	562.713	562.742	562.647	562.660	562.398	561.996	561.668	562.626	---	---	6
7	---	---	562.713	562.741	562.625	562.632	562.239	561.956	561.689	562.632	---	---	7
8	---	---	562.713	562.741	562.690	562.630	562.034	561.909	561.715	562.633	---	---	8
9	---	---	562.712	562.743	562.751	562.626	561.833	561.865	561.742	562.631	---	---	9
10	---	---	562.717	562.753	562.828	562.611	561.684	561.822	561.755	562.628	---	---	10
11	---	---	562.719	562.763A	562.900	562.562A	561.556	561.755	561.757	562.632	---	---	11
12	---	---	562.719	562.769E	562.969	562.510	561.444	561.685	561.767	562.633	---	---	12
13	---	---	562.720	562.769E	563.034	562.464	561.338	561.623	561.767	562.626	---	---	13
14	---	---	562.720	562.765E	563.095	562.536	561.248	561.558	561.787	562.626	---	---	14
15	---	---	562.722	562.762E	563.158	562.715	561.278	561.499	561.885	562.630	---	---	15
16	---	---	562.726	562.758E	563.210	562.890	561.289	561.446	562.000	562.629	---	---	16
17	---	---	562.723	562.755E	563.265	563.058	561.281	561.412	562.109	562.625	---	---	17
18	---	---	562.724	562.751E	563.320	563.213	561.288	561.412	562.221A	562.620	---	---	18
19	---	---	562.722	562.747E	563.371	563.217A	561.299	561.394	562.376E	562.621	---	---	19
20	---	---	562.723	562.744E	563.403	563.189	561.306	561.388	562.532E	562.614	---	---	20
21	---	---	562.723	562.740E	563.404	563.149	561.297	561.392	562.675E	562.609	---	---	21
22	---	---	562.724	562.737E	563.374	563.107	561.296	561.424	562.686E	562.608	---	---	22
23	---	---	562.726	562.733E	563.330	563.071	561.314	561.461	562.642A	562.605	---	---	23
24	---	562.711A	562.728	562.731E	563.291	563.032	561.346	561.493	562.593	562.609	---	---	24
25	---	562.711	562.728	562.728E	563.255	562.995	561.414	561.515	562.593	562.606	---	---	25
26	---	562.714	562.729	562.725E	563.202	562.951	561.516	561.516	562.601	562.609	---	---	26
27	---	562.712	562.729	562.722E	563.132	562.900	561.638	561.507	562.606	562.604	---	---	27
28	---	562.715	562.734	562.722A	563.035	562.844	561.773	561.500	562.608	562.607	---	---	28
29	---		562.736	562.716	562.946	562.770	561.908	561.508	562.550	562.609	---	---	29
30	---		562.734	562.711	562.850	562.688	562.038	561.512	562.505	562.615	---	---	30
31	---		562.736		562.773		562.182	561.527		562.617		---	31
MEAN	---	---	562.722	562.742	563.011	562.820	561.757	561.664	562.097	562.615	---	---	MEAN
MAX	---	---	562.736	562.769	563.404	563.217	562.697	562.172	562.686	562.633	---	---	MAX
MIN	---	---	562.712	562.711	562.625	562.464	561.248	561.388	561.581	562.563	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 563.404 ON MAY 21
MINIMUM DAILY, 561.248 ON JUL 14
MAXIMUM INSTANTANEOUS,
563.415 AT 18:25 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 27 55 N
LONG 106 55 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BROKENSHELL CREEK NEAR TROSSACHS - STATION NO. 05JE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	---	---	1
2	---	0	0	0	0	0	0	0	0	0	---	---	2
3	---	0	0	0	0	0	0	0	0	0	---	---	3
4	---	0	0	0	0	0	0	0	0	0	---	---	4
5	---	0	0	0	0	0	0	0	0	0	---	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0.001A	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0.001	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 104 13 07 W
DRAINAGE AREA, 153 km^2
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.09	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

BUFFALO POUND LAKE AT PUMPING STATION - STATION NO. 05JG009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	509.418	509.463	509.449	509.415	509.295	509.266	509.413	509.376	509.267A	509.406	509.371	509.338	1
2	509.420	509.461	509.445	509.416	509.349	509.267	509.405	509.381	509.346	509.445	509.353	509.341	2
3	509.417	509.460	509.444	509.415	509.325	509.259	509.390	509.366	509.304	509.445	509.354	509.346	3
4	509.420	509.461	509.441	509.416	509.317	509.287	509.394	509.360	509.269	509.440	509.385	509.345	4
5	509.425	509.462	509.438	509.413	509.295	509.297	509.373	509.358	509.323	509.439	509.355	509.344	5
6	509.424	509.461	509.436	509.434	509.239	509.281	509.385	509.350	509.332	509.409	509.345	509.344	6
7	509.426	509.456	509.437	509.453	509.287	509.324	509.380	509.346	509.336	509.402	509.362	509.344	7
8	509.428	509.457	509.435	509.414	509.316	509.297	509.389	509.341	509.332	509.431	509.335	509.342	8
9	509.427	509.457	509.432	509.409	509.291	509.317	509.355	509.332	509.336	509.446	509.332	509.341	9
10	509.438	509.455	509.431	509.426	509.293	509.329	509.344	509.329	509.375	509.443	509.330	509.339	10
11	509.440	509.454	509.430	509.354	509.306	509.331	509.342	509.327	509.335	509.461	509.328	509.339	11
12	509.441	509.454	509.427	509.431	509.298	509.333	509.349	509.309	509.345	509.510	509.331	509.339	12
13	509.443	509.454	509.426	509.414	509.309	509.358	509.357	509.312	509.350	509.484	509.335	509.336	13
14	509.443	509.455	509.424	509.392	509.307	509.408	509.385	509.294	509.353	509.468	509.325	509.336	14
15	509.446	509.457	509.424	509.395	509.274	509.421	509.393	509.283	509.359	509.456	509.344	509.334	15
16	509.444	509.456	509.422	509.449	509.284	509.417	509.406	509.282	509.352	509.462	509.334	509.333	16
17	509.443	509.457	509.419	509.409	509.299	509.468	509.394	509.292	509.361	509.492	509.323	509.331	17
18	509.447	509.455	509.419	509.382	509.288	509.416	509.392	509.289	509.373	509.437	509.339	509.331	18
19	509.448	509.456	509.417	509.351	509.287	509.412	509.395	509.297	509.355	509.449	509.329	509.327	19
20	509.446	509.457	509.417	509.312	509.311	509.406	509.384	509.279	509.388	509.449	509.298	509.329	20
21	509.449	509.454	509.422	509.393	509.309	509.430	509.388	509.289	509.373	509.435	509.330	509.329	21
22	509.449	509.454	509.419	509.380	509.319	509.432	509.405	509.301	509.390	509.429	509.328	509.330	22
23	509.452	509.452	509.419	509.368	509.312	509.439	509.414	509.300	509.392	509.406	509.338	509.329	23
24	509.454	509.449	509.416	509.357	509.303	509.448	509.410	509.298	509.379	509.414	509.331	509.327	24
25	509.457	509.448	509.415	509.355	509.299	509.429	509.402	509.303	509.410	509.385	509.339	509.328	25
26	509.457	509.452	509.412	509.338	509.286	509.399	509.389	509.308	509.496	509.406	509.340	509.330	26
27	509.457	509.451	509.413	509.323	509.304	509.431	509.376	509.290	509.431	509.352	509.339	509.328	27
28	509.458	509.451	509.416	509.320	509.317	509.420	509.373	509.288	509.394	509.362	509.339	509.327	28
29	509.456		509.416	509.347	509.309	509.404	509.380	509.313	509.422	509.384	509.338	509.325	29
30	509.459		509.414	509.332	509.271	509.407	509.393	509.339	509.460	509.410	509.337	509.325	30
31	509.462		509.416		509.267		509.402	509.328A		509.367		509.326	31
MEAN	509.442	509.456	509.426	509.387	509.299	509.371	509.386	509.318	509.365	509.430	509.339	509.334	MEAN
MAX	509.462	509.463	509.449	509.453	509.349	509.468	509.414	509.381	509.496	509.510	509.385	509.346	MAX
MIN	509.417	509.448	509.412	509.312	509.239	509.259	509.342	509.279	509.267	509.352	509.298	509.325	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 509.379
MAXIMUM DAILY, 509.510 ON OCT 12
MINIMUM DAILY, 509.239 ON MAY 6
MAXIMUM INSTANTANEOUS,
509.674 AT 16:10 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 105 23 10 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

BURNTOUT BROOK NEAR ARBORFIELD - STATION NO. 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.203B	0.074	0	0.085	0	0	0	---	---	1
2	---	---	0 B	0.224B	0.072	0	0.091	0	0	0	---	---	2
3	---	---	0 B	0.198B	0.132	0	0.076	0	0	0	---	---	3
4	---	---	0 B	0.165B	0.089	0	0.071	0	0	0	---	---	4
5	---	---	0 B	0.138B	0.070	0	0.044	0	0	0	---	---	5
6	---	---	0 B	0.169B	0.064	0	0.004	0	0	0	---	---	6
7	---	---	0 B	0.244B	0.015	0	0	0	0	0	---	---	7
8	---	---	0 B	0.233B	0.001	0	0	0	0	0	---	---	8
9	---	---	0 B	0.260B	0.001	0	0	0	0	0	---	---	9
10	---	---	0 B	0.321B	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0.274B	0.001	0	0	0	0	0.201	---	---	11
12	---	---	0 B	0.311B	0.001	0	0	0	0	0.336	---	---	12
13	---	---	0 B	0.232B	0.001	0	0	0	0	0.099	---	---	13
14	---	---	0.043B	0.356B	0.001	0	0	0	0	0.075	---	---	14
15	---	---	0.140B	0.341B	0.001	0	0	0	0	0.032	---	---	15
16	---	---	0.422B	0.681B	0.001	0	0	0	0	0.014	---	---	16
17	---	---	0.627B	0.674B	0.001	0	0	0	0	0.008	---	---	17
18	---	---	0.407B	0.533B	0.001	0	0.013	0	0	0.034	---	---	18
19	---	---	0.206B	0.692B	0.001	0	0.032	0	0	0.068	---	---	19
20	---	---	0.175B	0.519	0.001	0	0.015	0	0	0.137	---	---	20
21	---	---	0.066B	0.355	0.001	0	0	0	0	0.132	---	---	21
22	---	---	0.025B	0.246	0.001	0	0	0	0	0.093B	---	---	22
23	---	---	0.014B	0.217	0.001	0	0	0	0	0.063B	---	---	23
24	---	---	0.013B	0.174	0.001	0.025	0	0	0	0.046B	---	---	24
25	---	---	0.030B	0.148	0.001	0.070	0	0	0	0.027B	---	---	25
26	---	---	0.061B	0.149	0.001	0.036	0	0	0	0.016B	---	---	26
27	---	---	0.322B	0.125	0.001	0.045	0	0	0	0.007B	---	---	27
28	---	---	0.573B	0.108	0.001	0.067	0	0	0	0.005B	---	---	28
29	---		0.647B	0.090	0.001	0.127	0	0	0	0.004B	---	---	29
30	---		0.502B	0.082	0.001	0.099	0	0	0	0.003B	---	---	30
31	---		0.263B		0.001		0	0		0.003B		---	31
TOTAL	---	---	4.536	8.472	0.540	0.469	0.431	0	0	1.403	---	---	TOTAL
MEAN	---	---	0.146	0.282	0.017	0.016	0.014	0	0	0.045	---	---	MEAN
MAX	---	---	0.647	0.692	0.132	0.127	0.091	0	0	0.336	---	---	MAX
MIN	---	---	0	0.082	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 0.692B ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.953B AT 12:33 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 16 N
LONG 103 40 45 W
DRAINAGE AREA, 305 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	37.2
FEB	---	AUG	0
MAR	392	SEP	0
APR	732	OCT	121
MAY	46.7	NOV	---
JUN	40.5	DEC	---

TOTAL DISCHARGE, 1 370 dam³

CANDLE LAKE AT CANDLE LAKE - STATION NO. 05KE008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	494.371	494.378	494.388	494.390	494.479	494.424	494.355	494.353	494.268	494.176	494.168	494.166	1
2	494.367	494.381	494.388	494.389	494.481	494.418	494.354	494.358	494.306	494.181	494.168	494.170	2
3	494.364	494.377	494.391	494.389	494.484	494.410	494.360	494.361	494.251	494.178	494.168	494.173	3
4	494.369	494.377	494.390	494.392	494.486	494.408	494.361	494.360	494.248	494.179	494.170	494.173	4
5	494.376	494.382	494.386	494.394	494.490	494.409	494.357	494.363	494.248	494.176	494.167	494.172	5
6	494.370	494.383	494.387	494.402	494.493	494.398	494.355	494.367	494.247	494.176	494.170	494.170	6
7	494.373	494.382	494.386	494.409	494.496	494.412	494.355	494.369	494.250	494.184	494.187	494.173	7
8	494.374	494.386	494.388	494.407	494.494	494.417	494.355	494.364	494.247	494.179	494.160	494.174	8
9	494.364	494.378	494.385	494.408	494.494	494.412	494.350	494.361	494.248	494.177	494.164	494.175	9
10	494.367	494.381	494.385	494.409	494.500	494.407	494.348	494.360	494.249	494.178	494.164	494.188	10
11	494.374	494.382	494.386	494.410	494.505	494.397	494.346	494.368	494.239	494.181	494.164	494.191	11
12	494.373	494.383	494.382	494.409	494.507	494.392	494.345	494.348	494.234	494.212	494.166	494.188	12
13	494.372	494.386	494.381	494.408	494.512	494.402	494.343	494.350	494.233	494.184	494.166	494.185	13
14	494.376	494.377	494.383	494.410	494.513	494.387	494.353	494.336	494.229	494.170	494.166	494.184	14
15	494.376	494.384	494.383	494.411	494.519	494.377	494.375	494.329	494.220	494.169	494.173	494.181	15
16	494.368	494.387	494.385	494.414	494.516	494.372	494.372	494.329	494.213	494.176	494.174	494.179	16
17	494.364	494.389	494.384	494.425	494.515	494.401	494.366	494.329	494.216	494.199	494.169	494.174	17
18	494.374	494.387	494.383	494.422	494.514	494.370	494.368	494.329	494.216	494.172	494.168	494.171	18
19	494.373	494.387	494.383	494.426	494.511	494.371	494.371	494.328	494.219	494.182	494.166	494.170	19
20	494.366	494.388	494.384	494.431	494.507	494.363	494.364	494.325	494.207	494.173	494.163	494.177	20
21	494.366	494.382	494.390	494.433	494.502	494.362	494.358	494.325	494.203	494.175	494.168	494.193	21
22	494.366	494.386	494.390	494.439	494.493	494.357	494.358	494.327	494.204	494.174	494.169	494.196	22
23	494.363	494.387	494.393	494.441	494.484	494.358	494.375	494.325	494.206	494.168	494.173	494.195	23
24	494.372	494.389	494.395	494.444	494.475	494.362	494.366	494.322	494.201	494.183	494.170	494.196	24
25	494.375	494.391	494.394	494.451	494.467	494.361	494.350	494.318	494.201	494.151	494.171	494.204	25
26	494.378	494.392	494.393	494.461	494.465	494.359	494.347	494.317	494.247	494.167	494.173	494.198	26
27	494.377	494.391	494.392	494.462	494.454	494.369	494.348	494.309	494.194	494.148	494.173	494.200	27
28	494.378	494.392	494.390	494.467	494.452	494.355	494.356	494.303	494.197	494.151	494.173	494.199	28
29	494.379		494.391	494.469	494.454	494.352	494.356	494.308	494.188	494.153	494.171	494.200	29
30	494.378		494.387	494.471	494.445	494.352	494.360	494.318	494.185	494.175	494.169	494.201	30
31	494.379		494.389		494.436		494.357	494.285		494.167		494.196	31
MEAN	494.372	494.384	494.387	494.423	494.488	494.384	494.358	494.337	494.227	494.175	494.169	494.184	MEAN
MAX	494.379	494.392	494.395	494.471	494.519	494.424	494.375	494.369	494.306	494.212	494.187	494.204	MAX
MIN	494.363	494.377	494.381	494.389	494.436	494.352	494.343	494.285	494.185	494.148	494.160	494.166	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 494.324
MAXIMUM DAILY, 494.519 ON MAY 15
MINIMUM DAILY, 494.148 ON OCT 27
MAXIMUM INSTANTANEOUS,
494.529 AT 17:59 CST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 10 N
LONG 105 18 14 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CANOE RIVER NEAR BEAUVAL - STATION NO. 06BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.65B	6.85B	6.51B	8.19B	19.6	9.88	4.38	2.44	2.13	2.01	2.04B	2.32B	1
2	7.60B	6.84B	6.50B	8.23B	19.5	9.67	4.39	2.42	1.98	2.03	2.00B	2.23B	2
3	7.55B	6.78B	6.48B	8.68B	19.5	9.28	4.28	2.40	1.94	2.09	2.01B	2.26B	3
4	7.50B	7.08B	6.46B	9.14B	19.3	9.19	3.98	2.80	1.92	2.06	2.00B	2.49B	4
5	7.40B	6.93B	6.45B	10.6 B	18.6	9.35	3.84	2.56	1.85	2.02	1.84B	2.56B	5
6	7.35B	6.80B	6.44B	11.7 B	18.4	8.95	3.82	2.51	1.86	2.00	2.23B	2.48B	6
7	7.30B	6.91B	6.43B	12.5 B	18.4	8.84	3.94	2.43	1.87	1.97	2.11B	2.18B	7
8	7.20B	6.88B	6.42B	14.0 B	17.8	8.65	4.18	2.34	1.85	1.90	2.35B	2.42B	8
9	7.15B	7.00B	6.41B	16.2 B	17.5	8.35	4.08	2.34	1.82	1.99	2.14B	2.37B	9
10	7.10B	7.10B	6.40B	17.2 B	17.4	8.05	4.11	2.24	1.81	2.04	1.90B	1.99B	10
11	7.08B	7.05B	6.40B	15.2 B	17.2	7.73	4.10	2.14	1.83	2.13	1.65B	1.88B	11
12	7.06B	7.00B	6.41B	17.0 B	17.0	7.60	3.96	2.16	1.86	2.24	1.81B	1.75B	12
13	7.04B	6.97B	6.43B	18.0 B	16.9	7.29	3.76	2.14	1.85	2.25	1.93B	1.69B	13
14	7.02B	6.93B	6.45B	19.0 B	16.4	6.95	3.59	2.13	1.84	2.25	1.90B	1.63B	14
15	7.00B	6.90B	6.47B	19.5 B	15.6	6.68	3.67	2.02	1.84	2.34	1.59B	1.59B	15
16	7.00B	6.87B	6.49B	19.3 A	15.6	6.65	3.62	1.93	1.82	2.32	1.74B	1.56B	16
17	6.99B	6.84B	6.51B	18.2	15.7	6.68	3.39	1.85	1.79	2.46	1.83B	1.51B	17
18	6.98B	6.82B	6.54B	18.2	15.8	6.40	3.22	1.85	1.78	2.46	2.15B	1.49B	18
19	6.97B	6.80B	6.57B	18.8	15.6	6.34	3.13	1.84	1.78	2.47	2.15B	1.49B	19
20	6.96B	6.77B	6.60B	19.5	15.0	6.09	3.12	1.92	1.77	2.42	2.34B	1.53B	20
21	6.95B	6.73B	6.66B	19.5	14.3	6.00	2.97	1.92	1.80	2.39	2.42B	1.59B	21
22	6.94B	6.70B	6.73B	19.9	13.7	5.96	2.92	1.92	1.80	1.89B	2.42B	1.55B	22
23	6.93B	6.67B	6.80B	19.4	13.3	6.01	3.41	1.88	1.90	2.25B	2.34B	1.48B	23
24	6.92B	6.64B	6.90B	19.0	13.1	5.82	3.73	1.85	1.92	2.01B	2.08B	1.43B	24
25	6.91B	6.62B	7.05B	18.8	12.7	5.49	3.34	1.92	1.95	2.11B	2.01B	1.39B	25
26	6.90B	6.60B	7.20B	19.4	12.2	5.48	3.06	1.83	1.94	1.66B	2.23B	1.35B	26
27	6.90B	6.57B	7.40B	19.4	11.9	5.24	2.86	1.81	1.95	1.63B	2.13B	1.35B	27
28	6.89B	6.54B	7.60B	19.1	11.7	4.93	2.83	1.80	1.94	1.57B	2.41B	1.32B	28
29	6.88B		7.80B	19.4	11.1	4.78	2.80	1.81	1.98	1.66B	2.33B	1.31B	29
30	6.87B		8.00B	20.0	10.7	4.54	2.66	2.05	1.99	1.75B	2.02B	1.31B	30
31	6.86B		8.18B		10.2		2.58	2.17		1.88B		1.32B	31
TOTAL	219.85	191.19	209.69	493.04	481.7	212.87	109.72	65.42	56.36	64.25	62.10	54.82	TOTAL
MEAN	7.09	6.83	6.76	16.4	15.5	7.10	3.54	2.11	1.88	2.07	2.07	1.77	MEAN
MAX	7.65	7.10	8.18	20.0	19.6	9.88	4.39	2.80	2.13	2.47	2.42	2.56	MAX
MIN	6.86	6.54	6.40	8.19	10.2	4.54	2.58	1.80	1.77	1.57	1.59	1.31	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.08
MAXIMUM DAILY, 20.0 ON APR 30
MINIMUM DAILY, 1.31B ON DEC 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 20 N
LONG 108 01 40 W
DRAINAGE AREA, 4 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 000	JUL	9 480
FEB	16 500	AUG	5 650
MAR	18 100	SEP	4 870
APR	42 600	OCT	5 550
MAY	41 600	NOV	5 370
JUN	18 400	DEC	4 740

TOTAL DISCHARGE, 192 000 dam³

CARROT RIVER NEAR ARMLEY - STATION NO. 05KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.05 B	0.347	0.050	0	0.099	0.001	0.038	---	---	1
2	---	---	0 B	1.51 B	0.353	0.063	0.001	0.056	0	0.017	---	---	2
3	---	---	0 B	1.69 B	0.330	0.066	0.001	0.043	0	0.010	---	---	3
4	---	---	0 B	1.31 B	0.320	0.049	0.001	0.037	0	0.007	---	---	4
5	---	---	0 B	1.30 B	0.264	0.032	0.001	0.014	0	0.001	---	---	5
6	---	---	0 B	1.01 B	0.232	0.034	0.001	0.013	0	0	---	---	6
7	---	---	0 B	1.11 B	0.192	0.016	0	0.025	0	0	---	---	7
8	---	---	0 B	1.24 B	0.181	0.014	0	0.017	0.002	0	---	---	8
9	---	---	0 B	1.16 B	0.140	0.016	0	0.008	0.001	0	---	---	9
10	---	---	0 B	1.12 B	0.128	0.010	0	0.007	0.002	0	---	---	10
11	---	---	0 B	1.16 B	0.109	0.002	0	0.007	0.002	0	---	---	11
12	---	---	0 B	0.855B	0.089	0.003	0	0.026	0	0.006	---	---	12
13	---	---	0 B	1.03 B	0.082	0	0	0.006	0	0.036	---	---	13
14	---	---	0.001B	0.959B	0.137	0	0	0.021	0	0.054	---	---	14
15	---	---	0.002B	0.896B	0.157	0	0.034	0.016	0	0.033	---	---	15
16	---	---	0.005B	0.947B	0.138	0	0.108	0.014	0	0.021	---	---	16
17	---	---	0.920B	0.826B	0.120	0	0.110	0.006	0	0.019	---	---	17
18	---	---	0.821B	0.841B	0.089	0	0.129	0.009	0	0.023	---	---	18
19	---	---	0.714B	0.786B	0.066	0	0.082	0.006	0	0.018	---	---	19
20	---	---	0.649B	0.828B	0.058	0	0.048	0.009	0	0.020	---	---	20
21	---	---	0.607B	0.682	0.059	0	0.034	0.005	0	0.022B	---	---	21
22	---	---	0.115B	0.660	0.045	0.025	0.040	0.007	0	0.039B	---	---	22
23	---	---	0.358B	0.530	0.042	0.015	0.041	0.016	0.006	0.038B	---	---	23
24	---	---	0.121B	0.460	0.046	0.036	0.022	0.010	0.001	0.039B	---	---	24
25	---	---	0.034B	0.373	0.068	0.013	0.017	0.008	0.005	0.036B	---	---	25
26	---	---	0.401B	0.301	0.073A	0.025	0.003	0.004	0.005	0.038B	---	---	26
27	---	---	0.990B	0.403	0.088A	0.003	0.001	0.003	0.001	0.031B	---	---	27
28	---	---	1.34 B	0.290	0.081	0.012	0.001	0.001	0.011	0.032B	---	---	28
29	---		1.66 B	0.464	0.084	0.002	0.001	0.001	0.025	0.032B	---	---	29
30	---		1.65 B	0.412	0.069	0	0.005	0.003	0.042	0.032B	---	---	30
31	---		1.18 B		0.065		0.090	0.003		0.032B		---	31
TOTAL	---	---	11.568	26.203	4.252	0.486	0.771	0.500	0.104	0.674	---	---	TOTAL
MEAN	---	---	0.373	0.873	0.137	0.016	0.025	0.016	0.003	0.022	---	---	MEAN
MAX	---	---	1.66	1.69	0.353	0.066	0.129	0.099	0.042	0.054	---	---	MAX
MIN	---	---	0	0.290	0.042	0	0	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.182
MAXIMUM DAILY, 1.69B ON APR 3
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 11 N
LONG 104 01 15 W
DRAINAGE AREA, 4 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	66.6
FEB	---	AUG	43.2
MAR	999	SEP	8.99
APR	2 260	OCT	58.2
MAY	367	NOV	---
JUN	42.0	DEC	---

TOTAL DISCHARGE, 3 840 dam³

CARROT RIVER NEAR KINISTINO - STATION NO. 05KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.139B	0.018	0	0	0	0.001	0.001	0.002	---	1
2	---	---	0 B	0.165B	0.011	0	0	0	0.001	0.001	0.002	---	2
3	---	---	0 B	0.122B	0.012	0	0	0.001	0.001	0.002	0.002	---	3
4	---	---	0 B	0.108B	0.011	0.031	0	0.002	0.001	0.002	0.002A	---	4
5	---	---	0 B	0.115B	0.011	0.026	0	0.002	0.001	0.002	---	---	5
6	---	---	0 B	0.142B	0.009	0.018	0	0.003	0.001	0.003	---	---	6
7	---	---	0 B	0.167B	0.006	0.018	0	0.002	0.001	0.002	---	---	7
8	---	---	0 B	0.106B	0.018	0.019	0	0.002	0.001	0.002	---	---	8
9	---	---	0 B	0.117B	0.032	0.011	0	0.001	0.001	0.002	---	---	9
10	---	---	0 B	0.065B	0.021	0.006	0	0.001	0.001	0.002	---	---	10
11	---	---	0.010B	0.095B	0.012	0.004	0	0.001	0.001	0.002	---	---	11
12	---	---	0.030B	0.116B	0.007	0.003	0	0.001	0.001	0.002	---	---	12
13	---	---	0.058B	0.072B	0.004	0.002	0	0.001	0.001	0.002	---	---	13
14	---	---	0.071B	0.069B	0.004	0.002	0	0.001	0.001	0.001	---	---	14
15	---	---	0.080B	0.113B	0.003	0.002	0	0.001	0.001	0.001	---	---	15
16	---	---	0.047B	0.135B	0.003	0.001	0	0.001	0.001	0.002	---	---	16
17	---	---	0.044B	0.184B	0.002	0.002	0	0.001	0.001	0.005	---	---	17
18	---	---	0.031B	0.344B	0.002	0.001	0	0.001	0.001	0.004	---	---	18
19	---	---	0.023B	0.205B	0.001	0.001	0	0.001	0.001	0.004	---	---	19
20	---	---	0.021B	0.119	0.001	0.001	0	0	0.001	0.010	---	---	20
21	---	---	0.012B	0.117	0.001	0.003	0	0	0.001	0.009	---	---	21
22	---	---	0.008B	0.098	0	0.003	0	0	0.001	0.014	---	---	22
23	---	---	0.008B	0.060	0	0.002	0	0	0.001	0.017	---	---	23
24	---	---	0.006B	0.068	0	0.001	0	0	0.001	0.012	---	---	24
25	---	---	0.017B	0.130	0	0	0	0	0.001	0.003	---	---	25
26	---	---	0.061B	0.070	0	0	0	0	0.001	0.003	---	---	26
27	---	---	0.086B	0.026	0	0	0	0	0.001	0.002	---	---	27
28	---	---	0.082B	0.019	0	0	0	0	0	0.002	---	---	28
29	---		0.047B	0.016	0	0	0	0	0	0.002	---	---	29
30	---		0.140B	0.023	0	0	0	0.001	0	0.002	---	---	30
31	---		0.088B		0		0	0.001		0.002		---	31
TOTAL	---	---	0.970	3.325	0.189	0.157	0	0.025	0.027	0.120	---	---	TOTAL
MEAN	---	---	0.031	0.111	0.006	0.005	0	0.001	0.001	0.004	---	---	MEAN
MAX	---	---	0.140	0.344	0.032	0.031	0	0.003	0.001	0.017	---	---	MAX
MIN	---	---	0	0.016	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.344B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.536B AT 12:46 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 55 N
LONG 105 00 18 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	2.16
MAR	83.8	SEP	2.33
APR	287	OCT	10.4
MAY	16.3	NOV	---
JUN	13.6	DEC	---

TOTAL DISCHARGE, 416 dam³

CARROT RIVER NEAR SMOKY BURN - STATION NO. 05KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.228B	0.257B	0.129B	18.9 B	6.15	1.33	0.681	1.05	0.045	1.67	2.82	1.19 B	1
2	0.204B	0.248B	0.129B	16.5 B	5.70	1.32	0.601	1.92	0.046	1.44	3.23	1.19 B	2
3	0.194B	0.239B	0.129B	12.1 B	5.42	1.24	0.548	2.01	0.045	1.24	3.46	1.20 B	3
4	0.198B	0.233B	0.124B	10.8 B	5.55	1.11	0.474	1.80	0.042	1.13	3.54	1.23 B	4
5	0.195B	0.240B	0.117B	9.47B	5.89	1.00	0.438	1.56	0.044	1.08	3.40	1.34 B	5
6	0.199B	0.239B	0.118B	9.36B	5.93	0.904	0.463	1.69	0.043	0.999	3.24	1.18 B	6
7	0.191B	0.242B	0.127B	9.13B	5.75	0.885	0.431	2.15	0.040	0.901	2.89	1.05 B	7
8	0.190B	0.244B	0.144B	10.2 B	5.78	0.864	0.416	1.79	0.037	0.808	2.84	1.03 B	8
9	0.187B	0.242B	0.178B	9.72B	5.16	0.834	0.373	1.32	0.042	0.823	2.43	0.949B	9
10	0.190B	0.240B	0.191B	7.24B	4.51	0.790	0.375	0.953	0.077	0.789	2.50	0.889B	10
11	0.184B	0.238B	0.213B	6.68B	4.11	0.783	0.376	1.08	0.121	0.773	2.57	0.902B	11
12	0.185B	0.238B	0.227B	6.54B	3.79	0.790	0.353	1.19	0.148	0.844	2.33	0.791B	12
13	0.189B	0.257B	0.300B	5.45B	3.46	0.729	0.320	0.849	0.149	1.11	2.16	0.636B	13
14	0.185B	0.264B	0.598B	5.49B	2.73	0.705	0.293	0.625	0.140	3.47	2.05	0.541B	14
15	0.184B	0.262B	1.28 B	5.62B	2.39	0.696	0.364	0.485	0.131	5.51	2.01	0.600B	15
16	0.193B	0.262B	0.802B	5.64B	2.41	0.665	0.380	0.385	0.125	5.53	2.05	0.532B	16
17	0.195B	0.265B	0.708B	5.36B	2.32	0.665	1.25	0.318	0.119	4.85	2.03B	0.609B	17
18	0.203B	0.266B	1.05 B	6.41B	2.22	0.676	2.26	0.287	0.112	4.54	1.90B	0.525B	18
19	0.201B	0.274B	5.72 B	8.06B	2.07	0.624	1.91	0.244	0.102	5.02	1.59B	0.523B	19
20	0.204B	0.274B	7.54 B	8.42B	1.82	0.607	1.55	0.211	0.096	4.47	1.61B	0.515B	20
21	0.214B	0.264B	9.20 B	8.29B	1.65	0.926	1.26	0.173	0.095	4.00	1.68B	0.317B	21
22	0.217B	0.219B	6.92 B	7.68B	1.70	1.04	1.05	0.138	0.108	3.59	1.67B	0.233B	22
23	0.222B	0.182B	5.10 B	6.28	1.54	0.995	0.881	0.111	0.110	2.60	1.63B	0.215B	23
24	0.242B	0.156B	4.28 B	5.59	1.49	1.02	0.734	0.084	0.097	2.45	1.61B	0.192B	24
25	0.248B	0.143B	4.55 B	5.81	1.38	1.05	0.748	0.063	0.100	2.65	1.57B	0.175B	25
26	0.251B	0.132B	5.05 B	6.36	1.31	1.04	0.888	0.056	0.202	2.58	1.47B	0.174B	26
27	0.244B	0.127B	5.57 B	6.58	1.24	1.05	0.930	0.056	0.396	2.46	1.43B	0.178B	27
28	0.253B	0.128B	7.14 B	6.59	1.20	0.955	0.879	0.059	1.29	2.43	1.36B	0.170B	28
29	0.248B		12.3 B	6.89	1.15	0.860	0.803	0.054	2.59	2.36	1.30B	0.165B	29
30	0.249B		16.3 B	6.54	1.13	0.750	0.724	0.048	2.08	2.36	1.24B	0.163B	30
31	0.250B		19.3 B		1.17		0.821	0.047		2.45		0.155B	31
TOTAL	6.537	6.375	115.534	243.70	98.12	26.903	23.534	22.806	8.772	76.927	65.61	19.559	TOTAL
MEAN	0.211	0.228	3.73	8.12	3.17	0.897	0.759	0.736	0.292	2.48	2.19	0.631	MEAN
MAX	0.253	0.274	19.3	18.9	6.15	1.33	2.26	2.15	2.59	5.53	3.54	1.34	MAX
MIN	0.184	0.127	0.117	5.36	1.13	0.607	0.293	0.047	0.037	0.773	1.24	0.155	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.96
MAXIMUM DAILY, 19.3B ON MAR 31
MINIMUM DAILY, 0.037 ON SEP 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 00 N
LONG 103 08 30 W
DRAINAGE AREA, 9 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	565	JUL	2 030
FEB	551	AUG	1 970
MAR	9 980	SEP	758
APR	21 100	OCT	6 650
MAY	8 480	NOV	5 670
JUN	2 320	DEC	1 690

TOTAL DISCHARGE, 61 800 dam³

CARROT RIVER NEAR TURNBERRY - STATION NO. 05KH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.928B	0.581B	1.25 B	12.5B	26.2	8.30	9.36	14.7	1.06	13.5 A	12.9 B	3.87B	1
2	0.889B	0.592B	1.15 B	14.7B	26.7	8.05	8.14	14.1	1.07	13.1 A	12.6 B	3.70B	2
3	0.849B	0.592B	1.06 B	15.2B	28.6	7.62	6.90	12.1	1.10	12.0 E	12.3 B	3.53B	3
4	0.810B	0.600B	0.986B	14.8B	30.0	7.43	5.72	10.7	1.13	10.9 A	11.9 B	3.38B	4
5	0.771B	0.589B	0.938B	13.9B	30.1	6.89	4.95	9.90	1.35	9.73A	11.6 B	3.25B	5
6	0.732B	0.581B	0.857B	12.7B	29.7	6.28	4.34	9.25	1.39	8.67A	11.2 B	3.09B	6
7	0.692B	0.602B	0.856B	12.4B	30.0	5.96	4.24	8.40	1.40	7.28A	10.8 B	2.95B	7
8	0.653B	0.617B	0.841B	13.4	30.0	7.01	4.23	7.31	1.41	6.66E	10.5 B	2.81B	8
9	0.614B	0.631B	0.846B	13.2	29.3	8.59	3.79	6.59	1.41	6.11E	10.2 B	2.68B	9
10	0.575B	0.638B	0.844B	13.6	27.6	8.85	3.27	6.03	1.39	5.85A	9.81B	2.56B	10
11	0.535B	0.637B	0.894B	13.3	26.6	8.07	2.90	5.64	1.35	5.85A	9.47B	2.48B	11
12	0.496B	0.640B	1.17 B	13.7	25.5	7.27	2.57	6.06	1.23	11.2 E	9.13B	2.40B	12
13	0.502B	0.635B	1.24 B	16.2	24.1	6.03	2.18	5.96	1.14	16.7 A	8.78B	2.32B	13
14	0.519B	0.624B	1.39 B	16.3	22.9	5.33	1.99	5.22	1.10	21.2 E	8.44B	2.24B	14
15	0.571B	0.630B	1.42 B	15.0	21.3	4.91	2.10	4.62	1.03	25.7 A	8.10B	2.16B	15
16	0.617B	0.624B	1.42 B	14.5	20.1	4.46	19.5	4.36	0.939	25.1 A	7.72B	2.08B	16
17	0.649B	0.647B	1.41 B	15.3	18.2	4.24	38.9	3.96	0.878	27.1 A	7.35B	2.03B	17
18	0.665B	0.646B	1.37 B	17.5	16.5	5.78	29.6	3.62	0.849	31.5 A	7.06B	1.97B	18
19	0.663B	0.671B	1.31 B	18.2	15.1	10.4	22.3	3.23	0.806	29.1 E	6.73B	1.91B	19
20	0.644B	0.715B	1.27 B	19.7	13.7	9.71	18.0	2.82	0.766	26.8 E	6.40B	1.85B	20
21	0.604B	0.778B	1.26 B	19.5	12.6	7.94	15.0	2.44	0.779	24.6 E	6.07B	1.80B	21
22	0.591B	0.896B	1.30 B	20.2	11.4	6.77	12.2	2.18	0.831	22.3 E	5.75B	1.74B	22
23	0.594B	1.12 B	1.80 B	20.7	10.4	6.25	10.2	2.06	0.848	20.1 A	5.51B	1.68B	23
24	0.590B	1.26 B	5.83 B	18.5	9.47	6.08	9.87	1.92	0.850	18.7	5.29B	1.63B	24
25	0.580B	1.32 B	9.01 B	17.8	8.66	6.18	12.9	1.69	0.884A	13.8	5.07B	1.58B	25
26	0.601B	1.34 B	9.05 B	17.9	7.96	7.19	12.2	1.54	4.48 E	13.6 B	4.83B	1.53B	26
27	0.619B	1.33 B	8.97 B	18.2	7.57	9.39	9.85	1.43	15.0 A	14.2 B	4.60B	1.48B	27
28	0.609B	1.32 B	8.75 B	19.5	7.38	11.5	7.80	1.31	14.6 E	14.3 B	4.40B	1.43B	28
29	0.588B		8.63 B	22.8	7.69	12.0	6.74	1.20	14.2 E	14.1 B	4.21B	1.38B	29
30	0.576B		9.28 B	25.7	8.30	10.9	6.46	1.18	13.8 E	13.8 B	4.05B	1.33B	30
31	0.552B		10.2 B		8.34		10.4	1.15		13.4 B		1.29B	31
TOTAL	19.878	21.856	96.602	496.9	591.97	225.38	308.60	162.67	89.070	496.95	242.77	70.13	TOTAL
MEAN	0.641	0.781	3.12	16.6	19.1	7.51	9.95	5.25	2.97	16.0	8.09	2.26	MEAN
MAX	0.928	1.34	10.2	25.7	30.1	12.0	38.9	14.7	15.0	31.5	12.9	3.87	MAX
MIN	0.496	0.581	0.841	12.4	7.38	4.24	1.99	1.15	0.766	5.85	4.05	1.29	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.73
MAXIMUM DAILY, 38.9 ON JUL 17
MINIMUM DAILY, 0.496B ON JAN 12
MAXIMUM INSTANTANEOUS,
41.0 AT 03:14 CST ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 00 N
LONG 102 07 00 W
DRAINAGE AREA, 12 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 720	JUL	26 700
FEB	1 890	AUG	14 100
MAR	8 350	SEP	7 700
APR	42 900	OCT	42 900
MAY	51 100	NOV	21 000
JUN	19 500	DEC	6 060

TOTAL DISCHARGE, 244 000 dam³

CHIPMAN RIVER ABOVE BLACK LAKE - STATION NO. 07LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.51	4.86	4.51A	4.35	4.51	13.3	13.4	12.1	11.0	7.84	7.72	7.64	1
2	5.43	4.81	4.46A	4.33	4.86	13.5	13.3	12.0	11.0	8.11	7.58	7.60	2
3	5.38	4.80	4.45	4.34	5.19	13.7	13.2	12.0	10.7	8.41	7.55	7.65	3
4	5.41	4.81	4.47	4.36	5.38	13.8	12.9	12.0	10.5	8.47	7.68	7.67	4
5	5.45	4.83	4.47	4.36	5.64	14.0	12.5	11.9	10.5	8.49	7.78	7.66	5
6	5.39	4.80	4.48	4.38	6.31	14.2	12.3	11.8	10.3	8.47	7.82	7.67	6
7	5.35	4.78	4.48	4.44	7.18	14.3	12.2	11.9	10.2	8.49	7.77	7.68	7
8	5.38	4.75	4.48	4.46	7.66	14.5	12.3	11.8	10.1	8.55	7.60	7.73	8
9	5.38	4.70	4.48	4.47	7.81	14.5	12.4	11.6	10.0	8.59	7.58	7.70	9
10	5.38	4.61	4.48	4.42	7.83	14.5	12.3	11.4	9.92	8.67	7.61	7.75	10
11	5.36	4.56	4.47	4.42	7.85	14.5	12.4	11.2	9.58	8.77	7.61	7.72B	11
12	5.34	4.53	4.44	4.40	8.08	14.5	12.6	11.1	9.62	8.79	7.68	7.69B	12
13	5.35	4.52	4.39	4.37A	8.33	14.5	12.7	11.4	9.78	8.78	7.68	7.67B	13
14	5.35	4.55	4.35	4.36	8.42	14.4	12.8	11.3	9.76	8.72	7.58	7.64B	14
15	5.28	4.64	4.35	4.37	8.47	14.4	12.7	11.3	9.68	8.73	7.51	7.61B	15
16	5.27	4.64	4.35	4.38	8.59	14.3	12.7	11.6	9.66	8.84	7.50	7.59B	16
17	5.27	4.64	4.35	4.37	8.64	14.2	12.6	11.6	9.61	8.86	7.42	7.56B	17
18	5.22	4.65	4.35	4.36	8.78	14.1	12.6	11.7	9.46	8.64	7.39	7.53B	18
19	5.19	4.63	4.35	4.35	9.08	14.0	12.7	11.6	9.29	8.60	7.45	7.51B	19
20	5.18	4.59	4.36	4.39	9.46	13.8	12.7	11.5	9.21	8.50	7.49	7.48B	20
21	5.18	4.58	4.36	4.39	9.92	13.6	12.7	11.5	9.08	8.42	7.49	7.45B	21
22	5.14	4.58	4.38	4.39	10.3	13.5	12.8	11.4	9.00	8.34	7.50	7.43B	22
23	5.13	4.58	4.38	4.39	10.8	13.3	12.8	11.4	8.86	8.20	7.49	7.40B	23
24	5.12	4.58	4.38	4.40	11.2	13.3	12.7	11.3	8.62	8.08	7.42	7.37B	24
25	5.10	4.58	4.38	4.42	11.6	13.3	12.5	11.2	8.53	7.96	7.38	7.35B	25
26	5.00	4.57	4.40	4.45	11.9	13.3	12.4	11.3	8.41	7.81	7.40	7.32B	26
27	5.00	4.57	4.42	4.45	12.2	13.5	12.4	11.2	8.24	7.76	7.41	7.29B	27
28	5.00	4.56	4.42	4.45	12.4	13.6	12.3	11.1	8.06	7.79	7.40	7.26B	28
29	4.99		4.41	4.46	12.7	13.7	12.2	10.9	7.93	7.79	7.51	7.23B	29
30	4.97		4.42	4.45	12.9	13.6	12.1	10.7	7.85	7.81	7.62	7.20B	30
31	4.90		4.42		13.1		12.1	11.0		7.76		7.18B	31
TOTAL	162.40	130.30	136.89	131.93	277.09	417.7	390.3	355.8	284.45	259.04	226.62	233.23	TOTAL
MEAN	5.24	4.65	4.42	4.40	8.94	13.9	12.6	11.5	9.48	8.36	7.55	7.52	MEAN
MAX	5.51	4.86	4.51	4.47	13.1	14.5	13.4	12.1	11.0	8.86	7.82	7.75	MAX
MIN	4.90	4.52	4.35	4.33	4.51	13.3	12.1	10.7	7.85	7.76	7.38	7.18	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.23
MAXIMUM DAILY, 14.5 ON JUN 8
MINIMUM DAILY, 4.33 ON APR 2
MAXIMUM INSTANTANEOUS,
14.6 AT 01:52 CST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 19 10 N
LONG 105 18 10 W
DRAINAGE AREA, 6 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 000	JUL	33 700
FEB	11 300	AUG	30 700
MAR	11 800	SEP	24 600
APR	11 400	OCT	22 400
MAY	23 900	NOV	19 600
JUN	36 100	DEC	20 200

TOTAL DISCHARGE, 260 000 dam³

CHITEK LAKE AT CHITEK VILLAGE - STATION NO. 06AD012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	566.262	566.233	566.227E	566.138	566.079E	566.058E	---	1
2	---	---	---	---	---	566.261E	566.230	566.229	566.149E	566.075	566.058	---	2
3	---	---	---	---	---	566.259E	566.227	566.229	566.161E	566.073E	566.057E	---	3
4	---	---	566.263	---	---	566.258	566.225E	566.227E	566.172	566.071E	566.056E	---	4
5	---	---	---	---	---	566.256E	566.222	566.226E	566.164E	566.069	566.055E	---	5
6	---	---	---	---	---	566.253E	566.218E	566.224E	566.157E	566.070E	566.055E	---	6
7	---	---	---	---	---	566.251E	566.214E	566.223E	566.149E	566.071E	566.054E	---	7
8	---	---	---	---	---	566.248	566.210E	566.222E	566.142E	566.072E	566.053E	---	8
9	---	---	---	---	---	566.244	566.205E	566.220E	566.134	566.073E	566.052	---	9
10	---	---	---	---	---	566.234	566.201E	566.219	566.117E	566.074	566.046	---	10
11	---	---	---	---	566.324	566.234	566.197	566.216E	566.100	566.073E	---	---	11
12	---	---	---	---	566.324	566.231	566.192	566.213	566.100E	566.072	---	---	12
13	---	---	---	---	566.320	566.221	566.192E	566.209	566.100E	566.070E	---	---	13
14	---	---	---	---	566.316E	566.220E	566.191	566.203	566.099E	566.069E	---	---	14
15	---	---	---	---	566.311E	566.220	566.204E	566.202E	566.099E	566.068E	---	---	15
16	---	---	---	---	566.307E	566.217	566.216	566.201E	566.098	566.067E	---	---	16
17	---	---	---	---	566.303E	566.239	566.210E	566.200E	566.098E	566.066E	---	---	17
18	---	---	---	---	566.298E	566.236	566.203	566.199	566.097E	566.065E	---	---	18
19	---	---	---	---	566.294	566.235	566.200E	566.193	566.096E	566.063E	---	---	19
20	---	---	---	---	566.294E	566.229	566.196E	566.192E	566.095E	566.062E	---	---	20
21	---	---	---	---	566.294	566.233E	566.193E	566.191	566.095	566.061	---	---	21
22	---	---	---	---	566.284	566.237E	566.190	566.189E	566.095	566.056E	---	---	22
23	---	---	---	---	566.280	566.241	566.210	566.186E	566.093	566.051E	---	---	23
24	---	---	---	---	566.278	566.243	566.210	566.184E	566.092E	566.046	---	---	24
25	---	---	---	---	566.277E	566.240	566.202	566.182	566.091E	566.048E	---	---	25
26	---	---	---	---	566.277E	566.239E	566.198E	566.175E	566.091E	566.049E	---	---	26
27	---	---	---	---	566.276	566.237E	566.194E	566.169E	566.090E	566.051E	---	---	27
28	---	---	---	---	566.276	566.236E	566.190	566.163E	566.089	566.053E	---	---	28
29	---		---	---	566.277	566.235E	566.190	566.157E	566.085	566.055E	---	---	29
30	---		---	---	566.272	566.233	566.208E	566.150E	566.083	566.056E	---	---	30
31	---		---		566.267E		566.226	566.144E		566.058		---	31
MEAN	---	---	---	---	---	566.239	566.206	566.199	566.112	566.064	---	---	MEAN
MAX	---	---	---	---	---	566.262	566.233	566.229	566.172	566.079	---	---	MAX
MIN	---	---	---	---	---	566.217	566.190	566.144	566.083	566.046	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 55 N
LONG 107 43 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE - STATION NO. 05GG009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	514.781	514.756E	514.713E	514.752E	514.652E	514.576E	---	---	1
2	---	---	---	---	514.780E	514.753E	514.711E	514.752E	514.644E	514.581	---	---	2
3	---	---	---	---	514.778E	514.750	514.710	514.752E	514.636E	514.582E	---	---	3
4	---	---	---	---	514.777E	514.752E	514.712E	514.753E	514.628	514.584E	---	---	4
5	---	---	---	---	514.775E	514.754	514.713E	514.753E	514.628E	514.585E	---	---	5
6	---	---	---	---	514.774E	514.751E	514.715E	514.753E	514.627E	514.586E	---	---	6
7	---	---	---	---	514.772E	514.749E	514.717E	514.754	514.626E	514.587E	---	---	7
8	---	---	---	---	514.771	514.746E	514.718E	514.749E	514.625E	514.588E	---	---	8
9	---	---	---	---	514.769E	514.743E	514.720E	514.746E	514.624E	514.589	---	---	9
10	---	---	---	---	514.766E	514.741E	514.721	514.740E	514.623E	514.589E	---	---	10
11	---	---	---	---	514.764E	514.738E	514.726E	514.735E	514.623	514.589E	---	---	11
12	514.643	---	---	---	514.762E	514.735	514.732E	514.731E	514.611E	514.588E	---	---	12
13	---	---	---	---	514.760E	514.736E	514.737	514.726E	514.600E	514.588E	---	---	13
14	---	---	---	---	514.757E	514.737E	514.740E	514.722	514.588E	514.588E	---	---	14
15	---	---	---	---	514.755	514.737E	514.744E	514.719E	514.577E	514.587E	---	---	15
16	---	---	---	---	514.753E	514.738E	514.747E	514.717E	514.566E	514.587E	---	---	16
17	---	---	---	---	514.751E	514.738E	514.751	514.715E	514.554E	514.587E	---	---	17
18	---	---	---	---	514.748E	514.739E	514.747E	514.712E	514.543	514.586E	---	---	18
19	---	---	---	---	514.746E	514.740	514.744E	514.710	514.543E	514.586E	---	---	19
20	---	---	---	---	514.744	514.737E	514.741E	514.706E	514.543E	514.586	---	---	20
21	---	---	---	---	514.746E	514.738E	514.737E	514.701	514.543E	514.585E	---	---	21
22	---	---	---	---	514.748E	514.731E	514.734E	514.698E	514.543E	514.584E	---	---	22
23	---	---	---	---	514.751E	514.729E	514.730E	514.696E	514.543E	514.583E	---	---	23
24	---	---	---	---	514.753E	514.726E	514.727	514.693E	514.543E	514.583E	---	---	24
25	---	---	---	---	514.755E	514.723E	514.730E	514.690E	514.543	514.582E	---	---	25
26	---	---	---	---	514.757	514.721E	514.734E	514.688E	514.549E	514.581E	---	---	26
27	---	---	---	---	514.760E	514.718	514.737E	514.685E	514.554E	514.580E	---	---	27
28	---	---	---	---	514.762E	514.717E	514.741E	514.682	514.559E	514.580E	---	---	28
29	---		---	---	514.765	514.715E	514.744E	514.675E	514.565E	514.579	---	---	29
30	---		---	---	514.762E	514.714E	514.748E	514.667E	514.570E	514.578E	---	---	30
31	---		---		514.759E		514.751	514.659E		514.577		---	31
MEAN	---	---	---	---	514.761	514.737	514.731	514.717	514.586	514.584	---	---	MEAN
MAX	---	---	---	---	514.781	514.756	514.751	514.754	514.652	514.589	---	---	MAX
MIN	---	---	---	---	514.744	514.714	514.710	514.659	514.543	514.576	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 30 30 N
LONG 105 45 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL LAKE AT BUFFALO NARROWS - STATION NO. 06BA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	30.773	---	---	30.578	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	30.858	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	30.651	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	30.910	---	30.736	---	---	30.571	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	30.852	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	30.620	---	---	30.517	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	30.910	---	30.727	---	---	30.547	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	30.821	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	30.596	---	---	30.501	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	30.904	---	30.718	---	---	30.541	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	30.797	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	30.520	---	---	30.495	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---	30.895	---	30.712	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 00 N
LONG 108 29 00 W
DATA CONTRIBUTED BY -
CHURCHILL RIVER POWER COMPANY

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER ABOVE OTTER RAPIDS - STATION NO. 06CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	246	213	199	198	221	302E	282E	233E	187	153	138	129	1
2	241	212	198	198	225	303A	280E	231E	188	152	137	128	2
3	240	211	198	199	228	301	278E	230E	187	151	137	128	3
4	240	212	197	199	231	301	277E	228E	185	150	136	128	4
5	240	213	197	199	233	300	275E	227E	183	149	136	128	5
6	239	211	196	200	236	300	273E	225E	182	148	136	128	6
7	237	209	196	203	239	299	272E	223E	180	147	136	129	7
8	237	208	196	204	241A	303	271A	222E	177	145	136	129	8
9	235	206	195	204	244E	303	269E	220E	176	145	136	128	9
10	233	206	195	204	248E	303	268E	219E	175	146	136	129	10
11	232	207	196	205	252E	303	266E	217A	174	146	135	131	11
12	234	206	196	209	255E	303	264E	216E	173	145	135	131	12
13	234	204	195	209	258E	302	262E	214E	171	144	134	131	13
14	232	205	195	209	260E	301	260E	213E	170	144	134	131	14
15	229	208	194	209	263E	300	258E	211E	169	143	134	131	15
16	226	207	194	209	267E	299	256E	210E	168	144	134	130	16
17	225	205	193	207	270E	298	254E	208E	167	145	133	130	17
18	223	205	193	207	273E	295	253E	207E	166	144	132	129	18
19	222	204	194	206	276E	295	251E	206A	164	145	132	129	19
20	221	203	195	206	279E	294	250E	205	161	145	132	128	20
21	222	202	195	206	281E	292	248E	204	160	144	131	128	21
22	221	202	195	206	283E	291	247E	202	160	143	131	128	22
23	220	200	196	205	285E	290	246E	201	160	142	131	127	23
24	220	200	197	204	288E	290	245E	200	159	142	131	127	24
25	219	201	197	206	290E	289	243E	198	159	141	131	126	25
26	218	201	197	208	292E	288	242E	197	159	140	131	126	26
27	217	200	198	210	295E	288	240E	196	157	139	130	125	27
28	215	199	198	212	298E	287A	239E	194	156	139	130	124	28
29	215		198	215	299E	286E	237E	192	155	138	130	123	29
30	216		199	218	300E	284E	236E	191	154	138	130	123	30
31	215		198		301E		234E	190		138		123	31
TOTAL	7 064	5 760	6 080	6 174	8 211	8 890	7 976	6 530	5 082	4 475	4 005	3 965	TOTAL
MEAN	228	206	196	206	265	296	257	211	169	144	134	128	MEAN
MAX	246	213	199	218	301	303	282	233	188	153	138	131	MAX
MIN	215	199	193	198	221	284	234	190	154	138	130	123	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 203
MAXIMUM DAILY, 303A ON JUN 2
MINIMUM DAILY, 123 ON DEC 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 47 N
LONG 104 44 05 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	610 000	JUL	689 000
FEB	498 000	AUG	564 000
MAR	525 000	SEP	439 000
APR	533 000	OCT	387 000
MAY	709 000	NOV	346 000
JUN	768 000	DEC	343 000

TOTAL DISCHARGE, 6 410 000 dam³

CHURCHILL RIVER AT SANDY BAY - STATION NO. 06EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	857E	799	776	724	657	632	623	558	575	635	672	643	1
2	834E	802	768	727	685	632	592	544	568	618	673	637	2
3	837E	787	770	729	685	630	597	541	562	598	678	639	3
4	818E	787	767	728	688	624	592	587	564	574	680	643	4
5	816E	796	762	729	713	618	623	613	572	603	680	620	5
6	796E	793	759	729	700	612	631	606	571	605	681	581	6
7	802E	797	757	731	697	611	621	602	591	623	659	577	7
8	798E	798	758	728	702	613	601	600	604	644	641	598	8
9	787E	783	756	728	713	630	590	598	610	646	650	592	9
10	796E	780	762	724	723	648	591	595	621	654	672	604	10
11	802E	782	754	722	749	656	581	600	625	660	665	605	11
12	798E	782	750	725	754	665	578	602	624	661	670	621	12
13	807E	783	752	727	756	659	579	601	600	663	678	627	13
14	813E	778	747	722	772	673	590	602	602	661	659	629	14
15	858A	778	743	720	763	680	588	584	621	653	638	628	15
16	860	778	740	707	758	677	586	554	647	651	652	622	16
17	856	780	748	696	754	685	583	563	664	653	656	613	17
18	848	780	750	683	738	683	579	592	658	653	641	609	18
19	838	780	741	673	721	683	570	583	679	655	636	572	19
20	824	782	753	673	711	664	559	583	684	652	632	590	20
21	829	781	732	669	695	641	556	586	681	648	632	612	21
22	819	777	736	661	689	648	554	575	670	648	632	617	22
23	819	776	737	656	667	670	565	570	680	646	634	619	23
24	831	775	745	652	659	672	570	575	669	646	632	627	24
25	828	776	748	652	662	655	566	583	659	645	633	630	25
26	806	775	751	653	665	656	562	575	646	640	632	633	26
27	823	775	751	653	663	640	563	574	639	658	641	612	27
28	819	759	724	658	653	597	568	580	642	670	644	615	28
29	792		701	656	641	606	577	577	642	674	632	627	29
30	794		710	654	638	638	570	564	649	677	638	641	30
31	795		726		635		563	567		674		640	31
TOTAL	25 400	21 919	23 174	20 889	21 706	19 398	18 068	18 034	18 819	19 988	19 563	19 123	TOTAL
MEAN	819	783	748	696	700	647	583	582	627	645	652	617	MEAN
MAX	860	802	776	731	772	685	631	613	684	677	681	643	MAX
MIN	787	759	701	652	635	597	554	541	562	574	632	572	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 674
MAXIMUM DAILY, 860 ON JAN 16
MINIMUM DAILY, 541 ON AUG 3
MAXIMUM INSTANTANEOUS,
861 AT 19:26 CST ON JAN 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 31 24 N
LONG 102 19 06 W
DRAINAGE AREA, 210 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 190 000	JUL	1 560 000
FEB	1 890 000	AUG	1 560 000
MAR	2 000 000	SEP	1 630 000
APR	1 800 000	OCT	1 730 000
MAY	1 880 000	NOV	1 690 000
JUN	1 680 000	DEC	1 650 000

TOTAL DISCHARGE, 21 300 000 dam³

CHURCHILL RIVER NEAR PATUANAK - STATION NO. 06BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	121	117	109	104	112	118	107	96.3	84.0E	67.0E	57.7	53.6	1
2	121	116	108	104	115	116	109	96.9	84.0E	66.0E	55.5	54.6	2
3	120	116	109	104	116	114	107	96.0	82.0E	66.0E	53.0	55.2	3
4	121	118	107	105	115	119	109	95.3	82.0E	66.0E	59.0	54.2	4
5	122	117	107	103	116	119	105	95.9	81.0E	65.0E	56.7	53.0	5
6	121	117	107	106	115	113A	102	96.2	80.0E	64.0E	56.7	53.6	6
7	121	115	108	106	115	108E	103	95.4	79.0E	64.0E	58.5	54.9	7
8	122	116	108	105	117	108E	114	94.2	78.0E	63.0E	58.7	54.0A	8
9	120	116	108	103	116	108E	112	94.4	78.0E	63.0E	56.0	54.0E	9
10	120	114	108	104	116	108E	107	93.9	77.0E	63.0E	54.8	54.0E	10
11	120	114	109	105	117	108E	104	93.5	76.0E	63.0E	52.4	54.0E	11
12	121	114	108	108	117	111A	104	91.5	76.0E	63.0E	53.4	54.0E	12
13	122	113	107	106	117	113	101	94.9	75.0E	62.0E	56.4	54.0E	13
14	121	112	107	105	114	116	101	88.8	75.0E	62.0E	53.5	54.0E	14
15	120	113	106	106	112	116	99.1	87.4	74.0E	62.0E	54.6	54.0E	15
16	120	112	105	106	114	115	103	89.9	74.0E	62.0E	53.2	54.0E	16
17	119	112	105	107	115	113	103	87.7	74.0E	62.0E	52.2	54.0E	17
18	120	111	107	107	116	113	102	89.3	72.0E	62.0E	53.8	54.0E	18
19	119	111	106	105	118	115	98.2	89.8	72.0E	62.0E	55.6	53.0E	19
20	119	112	107	105	118	110	94.2	86.5	71.0E	63.0E	53.4	53.0E	20
21	119	112	106	107	119	107	96.7	89.6	70.0E	62.0E	54.1	53.0E	21
22	118	111	105	106	116	112	96.7	89.0	70.0E	62.0E	54.1	53.0E	22
23	119	112	105	107	116	113	96.6	89.9	70.0E	61.0E	55.8	53.0E	23
24	119	111	105	107	116	113	98.2	89.0A	70.0E	60.0E	55.5	52.0E	24
25	119	110	105	109	116	113	98.0	88.0E	70.0E	60.0E	55.2	52.0E	25
26	118	110	104	111	117	110	97.2	88.0E	70.0E	60.0E	55.0	52.0E	26
27	118	110	105	111	119	113	97.2	87.0E	69.0E	60.0E	55.7	52.0E	27
28	117	110	104	111	117	110	97.7	86.0E	69.0E	59.0E	54.4	51.0E	28
29	116		104	112	117	109	97.2	85.0E	68.0E	57.0A	54.5	51.0E	29
30	118		106	113	116	108	95.2	84.0E	68.0E	58.8	56.1	51.0E	30
31	117		104		114		97.3	84.0E		56.4		50.0E	31
TOTAL	3 708	3 172	3 299	3 198	3 594	3 369	3 '52.5	2 813.3	2 238.0	1 926.2	1 655.5	1 649.1	TOTAL
MEAN	120	113	106	107	116	112	132	90.8	74.6	62.1	55.2	53.2	MEAN
MAX	122	118	109	113	119	119	114	96.9	84.0	67.0	59 0	55.2	MAX
MIN	116	110	104	103	112	107	94.2	84.0	68.0	56.4	52.2	50.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.5
MAXIMUM DAILY, 122 ON JAN 5
MINIMUM DAILY, 50.0E ON DEC 31
MAXIMUM INSTANTANEOUS,
131 AT 17:55 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 30 N
LONG 107 43 40 W
DRAINAGE AREA, 78 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	320 000	JUL	272 000
FEB	274 000	AUG	243 000
MAR	285 000	SEP	193 000
APR	276 000	OCT	166 000
MAY	311 000	NOV	143 000
JUN	291 000	DEC	142 000

TOTAL DISCHARGE, 2 920 000 dam³

CLEARWATER RIVER AT OUTLET OF LLOYD LAKE - STATION NO. 07CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0	13.1	13.2	14.8	23.1	28.4	21.2	16.9	11.8	9.48	11.5	12.9	1
2	13.9	13.0	13.3	14.8	24.3	27.7	21.3	17.0	13.7	10.6	11.5	13.0	2
3	13.8	13.0	13.4	14.9	25.2	27.1	21.0	16.6	12.3	10.9	11.6	13.0	3
4	13.9	13.3	13.3	15.3	25.9	28.6	21.5	16.5	11.7	10.6	11.9	12.9	4
5	13.9	13.2	13.3	15.1	26.7	28.3	20.0	16.5	11.9	10.6	11.9	12.8	5
6	13.6	13.3	13.3	15.5	27.4	26.2	19.3	16.9	12.0	10.4	12.1	13.0	6
7	13.7	13.0	13.5	15.8	28.0	26.0	19.2	16.3	11.9	9.34	12.3	13.3	7
8	13.6	13.2	13.5	15.7	28.2	26.7	24.1	15.9	12.1	9.75	12.0	13.2	8
9	13.3	13.1	13.5	15.7	28.6	27.6	21.4	16.1	11.9	10.1	12.1	13.1	9
10	13.3	12.9	13.5	15.7	29.1	27.3	19.8	16.0	13.3	11.0	12.1	13.4	10
11	13.3	12.8	13.7	16.1	29.6	26.9	19.5	15.9	12.3	11.4	12.0	13.9	11
12	13.3	12.9	13.6	16.4	29.9	26.5	19.2	15.1	12.1	11.4	12.1	14.0	12
13	13.4	12.8	13.6	16.2	30.4	26.2	19.1	15.9	11.6	11.6	12.2	14.0	13
14	13.3	12.9	13.7	16.2	29.1	26.2	19.0	13.7	11.3	11.4	12.1	13.9	14
15	13.2	13.2	13.6	16.4	29.1	25.7	18.9	13.9	10.9	11.3	12.3	13.7	15
16	13.1	13.1	13.6	16.7	29.4	25.1	18.9	14.0	10.7	11.9	12.4	13.6	16
17	13.2	13.1	13.8	16.8	28.8	25.1	19.0	13.5	11.2	12.6	12.5	13.6	17
18	13.1	13.1	13.8	16.8	30.1	24.3	19.1	13.8	10.9	11.3	12.6	13.5	18
19	13.1	13.2	13.9	16.7	30.5	24.5	17.7	13.4	9.64	11.7	12.7	13.5	19
20	13.1	13.5	13.9	16.9	30.7	23.8	17.6	13.3	10.6	12.3	12.7	13.6	20
21	13.2	13.4	14.0	17.2	30.5	23.1	17.8	13.9	11.1	12.6	12.7	13.6	21
22	13.1	13.3	14.1	17.4	29.5	23.4	17.9	13.6	11.2	11.9	12.8	13.5	22
23	13.1	13.5	14.1	17.5	29.6	23.5	18.2	13.7	11.7	11.9	12.8	13.5	23
24	13.2	13.4	14.2	17.4	29.6	23.7	18.7	13.5	10.7	11.7	12.8	13.5	24
25	13.2	13.3	14.4	18.3	29.6	23.5	17.8	13.5	10.8	11.2	12.8	13.3	25
26	13.1	13.3	14.4	18.8	29.8	23.9	17.5	13.4	10.9	11.2	12.9	13.4	26
27	13.1	13.3	14.5	19.2	29.5	23.0	17.6	13.0	10.1	11.1	12.8	13.3	27
28	13.0	13.3	14.6	19.7	30.1	22.2	18.0	13.5	9.07	11.1	12.7	13.2	28
29	13.1		14.6	20.8	29.3	21.4	17.5	13.6	9.82	11.2	12.8	13.2	29
30	13.2		14.7	22.0	28.5	22.0	17.2	13.2	10.2	11.3	13.1	13.1	30
31	13.2		14.7		28.2		17.1	12.6		11.3		13.0	31
TOTAL	413.6	368.5	429.3	506.8	888.3	757.9	592.1	454.7	339.43	346.17	370.8	414.5	TOTAL
MEAN	13.3	13.2	13.8	16.9	28.7	25.3	19.1	14.7	11.3	11.2	12.4	13.4	MEAN
MAX	14.0	13.5	14.7	22.0	30.7	28.6	24.1	17.0	13.7	12.6	13.1	14.0	MAX
MIN	13.0	12.8	13.2	14.8	23.1	21.4	17.1	12.6	9.07	9.34	11.5	12.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.1
MAXIMUM DAILY, 30.7 ON MAY 20
MINIMUM DAILY, 9.07 ON SEP 28
MAXIMUM INSTANTANEOUS,
32.2 AT 12:26 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 19 50 N
LONG 108 45 50 W
DRAINAGE AREA, 4 250 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 700	JUL	51 200
FEB	31 800	AUG	39 300
MAR	37 100	SEP	29 300
APR	43 800	OCT	29 900
MAY	76 700	NOV	32 000
JUN	65 500	DEC	35 800

TOTAL DISCHARGE, 508 000 dam³

CONJURING CREEK NEAR PRESCEVILLE - STATION NO. 05MC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.007B	0.500B	0.023	0.009	0.017	0.005	0.005	0.007	0.070	---	1
2	---	---	0.007B	0.640B	0.022	0.008	0.020	0.010	0.005	0.007	0.080A	---	2
3	---	---	0.007B	0.800B	0.021	0.006	0.011	0.005	0.005	0.007	---	---	3
4	---	---	0.007B	1.00 B	0.020	0.008	0.010	0.010	0.004	0.005	---	---	4
5	---	---	0.007B	0.840B	0.018	0.007	0.008	0.014	0.003	0.005	---	---	5
6	---	---	0.008B	0.660B	0.017	0.007	0.009	0.009	0.002	0.006	---	---	6
7	---	---	0.008B	0.550B	0.016	0.011	0.009	0.006	0.003	0.004	---	---	7
8	---	---	0.008B	0.440B	0.015	0.007	0.008	0.005	0.003	0.006	---	---	8
9	---	---	0.009B	0.340B	0.014	0.006	0.007	0.005	0.004	0.007	---	---	9
10	---	---	0.009B	0.290B	0.013	0.006	0.008	0.006	0.004	0.006	---	---	10
11	---	---	0.010B	0.230B	0.012	0.007	0.008	0.006	0.004	0.014	---	---	11
12	---	---	0.040B	0.180B	0.011A	0.007	0.012	0.007	0.005	0.045	---	---	12
13	---	---	0.100B	0.150B	0.010	0.008	0.009	0.007	0.005	0.018	---	---	13
14	---	---	0.200B	0.120B	0.010	0.034	0.010	0.007	0.005	0.006	---	---	14
15	---	---	0.400B	0.100B	0.010	0.022	0.015	0.006	0.006	0.012	---	---	15
16	---	---	0.700B	0.082E	0.011	0.012	0.010	0.007	0.006	0.035	---	---	16
17	---	---	0.754B	0.070E	0.010	0.009	0.006	0.008	0.006	0.022	---	---	17
18	---	---	0.700B	0.062E	0.022	0.015	0.005	0.014	0.005	0.016	---	---	18
19	---	---	0.600B	0.054E	0.006	0.162	0.005	0.008	0.005	0.013	---	---	19
20	---	---	0.440B	0.048E	0.006	0.063	0.005	0.006	0.007	0.011	---	---	20
21	---	---	0.330B	0.044E	0.007	0.017	0.004	0.006	0.004	0.009	---	---	21
22	---	---	0.250B	0.040E	0.009	0.036	0.003	0.006	0.006	0.014	---	---	22
23	---	---	0.190B	0.037E	0.009	0.020	0.004	0.008	0.004	0.067	---	---	23
24	---	---	0.160B	0.034A	0.009	0.018	0.005	0.008	0.010	0.061	---	---	24
25	---	---	0.148B	0.032	0.011	0.012	0.004	0.006	0.017	0.045	---	---	25
26	---	---	0.148B	0.030	0.010	0.009	0.002	0.005	0.030	0.052	---	---	26
27	---	---	0.160B	0.028	0.012	0.008	0.002	0.005	0.010	0.028	---	---	27
28	---	---	0.170B	0.026	0.013	0.009	0.003	0.004	0.009	0.096	---	---	28
29	---		0.200B	0.025	0.012	0.009	0.002	0.004	0.013	0.100	---	---	29
30	---		0.280B	0.024	0.010	0.009	0.014	0.006	0.008	0.090	---	---	30
31	---		0.390B		0.010		0.006	0.006		0.073		---	31
TOTAL	---	---	6.447	7.476	0.399	0.561	0.241	0.215	0.203	0.887	---	---	TOTAL
MEAN	---	---	0.208	0.249	0.013	0.019	0.008	0.007	0.007	0.029	---	---	MEAN
MAX	---	---	0.754	1.00	0.023	0.162	0.020	0.014	0.030	0.100	---	---	MAX
MIN	---	---	0.007	0.024	0.006	0.006	0.002	0.004	0.002	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.067
MAXIMUM DAILY, 1.00B ON APR 4
MINIMUM DAILY, 0.002 ON JUL 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 30 N
LONG 102 43 00 W
DRAINAGE AREA, 255 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20.8
FEB	---	AUG	18.6
MAR	557	SEP	17.5
APR	646	OCT	76.6
MAY	34.5	NOV	---
JUN	48.5	DEC	---

TOTAL DISCHARGE, 1 420 dam³

CONNELL CREEK NEAR CONNELL CREEK - STATION NO. 05KC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.116B	0.778B	1.06	0.268	0.124	0.342	0.054	0.408	---	---	1
2	---	---	0.116B	0.687B	0.989	0.239	0.133	0.328	0.038	0.375	---	---	2
3	---	---	0.116B	0.629B	1.07	0.216	0.122	0.279	0.047	0.355	---	---	3
4	---	---	0.116B	0.594B	1.18	0.199	0.130	0.240	0.066	0.348	---	---	4
5	---	---	0.116B	0.578B	1.22	0.177	0.130	0.216	0.126	0.339	---	---	5
6	---	---	0.116B	0.585B	1.23	0.155	0.141	0.204	0.127	0.331	---	---	6
7	---	---	0.115B	0.610B	1.38	0.160	0.117	0.198	0.149	0.319	---	---	7
8	---	---	0.114B	0.656B	1.06	0.159	0.112	0.211	0.156	0.302	---	---	8
9	---	---	0.112B	0.676B	0.905	0.177	0.099	0.207	0.143	0.289	---	---	9
10	---	---	0.110B	0.572B	0.759	0.181	0.084	0.125	0.127	0.294	---	---	10
11	---	---	0.102B	0.668B	0.715	0.178	0.070	0.118	0.108	0.322	---	---	11
12	---	---	0.093B	0.689B	0.660	0.172	0.077	0.115	0.116	0.380	---	---	12
13	---	---	0.095B	0.635B	0.636	0.159	0.073	0.097	0.103	0.561	---	---	13
14	---	---	0.108B	0.714B	0.627	0.145	0.077	0.072	0.090	0.882	---	---	14
15	---	---	0.147B	0.759B	0.665	0.133	0.119	0.055	0.079	0.787	---	---	15
16	---	---	0.365B	0.789B	0.661	0.135	0.228	0.045	0.098	0.715	---	---	16
17	---	---	0.424B	0.913B	0.603	0.134	0.414	0.044	0.100	0.644	---	---	17
18	---	---	0.311B	1.20 B	0.564	0.181	0.317	0.055	0.101	0.614	---	---	18
19	---	---	0.297B	1.13 B	0.528	0.249	0.238	0.066	0.101	0.599	---	---	19
20	---	---	0.281B	1.31 B	0.491	0.214	0.181	0.093	0.118	0.581	---	---	20
21	---	---	0.241B	1.33	0.468	0.189	0.156	0.102	0.135	0.562	---	---	21
22	---	---	0.247B	1.15	0.431	0.194	0.131	0.112	0.156	0.484B	---	---	22
23	---	---	0.211B	1.21	0.403	0.223	0.129	0.095	0.172	0.437B	---	---	23
24	---	---	0.230B	1.31	0.380	0.256	0.128	0.101	0.282	0.477B	---	---	24
25	---	---	0.270B	1.33	0.357	0.229	0.127	0.116	0.278	0.478B	---	---	25
26	---	---	0.324B	1.25	0.334	0.191	0.136	0.078	0.295	0.479B	---	---	26
27	---	---	0.412B	1.22	0.314	0.172	0.145	0.097	0.658	0.473B	---	---	27
28	---	---	0.564B	1.28	0.308	0.147	0.155	0.090	0.622	0.474B	---	---	28
29	---		0.638B	1.18	0.301	0.127	0.136	0.086	0.464	0.475B	---	---	29
30	---		0.794B	1.15	0.301	0.143	0.143	0.077	0.421	0.496B	---	---	30
31	---		0.800B		0.299		0.272	0.081		0.496B		---	31
TOTAL	---	---	8.101	27.582	20.899	5.502	4.644	4.145	5.530	14.776	---	---	TOTAL
MEAN	---	---	0.261	0.919	0.674	0.183	0.150	0.134	0.184	0.477	---	---	MEAN
MAX	---	---	0.800	1.33	1.38	0.268	0.414	0.342	0.658	0.882	---	---	MAX
MIN	---	---	0.093	0.572	0.299	0.127	0.070	0.044	0.038	0.289	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.372
MAXIMUM DAILY, 1.38 ON MAY 7
MINIMUM DAILY, 0.038 ON SEP 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 03 N
LONG 103 25 49 W
DRAINAGE AREA, 355 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	401
FEB	---	AUG	358
MAR	700	SEP	478
APR	2 380	OCT	1 280
MAY	1 810	NOV	---
JUN	475	DEC	---

TOTAL DISCHARGE, 7 880 dam³

COOKSON RESERVOIR NEAR CORONACH - STATION NO. 11AE013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	752.033	751.990E	752.471	752.527	752.444	752.291	752.220	752.093	751.978A	751.797	751.777	751.817	1
2	752.029	751.988E	752.475	752.525	752.442	752.292	752.215	752.098	751.974A	751.800	751.779	751.819	2
3	752.026	751.987A	752.488	752.523	752.432	752.289	752.212	752.098	751.962	751.796	751.787	751.820	3
4	752.024	751.990	752.492	752.517	752.426	752.286	752.212	752.094	751.957	751.793	751.788	751.821	4
5	752.026	751.989	752.490	752.513	752.413	752.283	752.206	752.090	751.955	751.791	751.785	751.822	5
6	752.022A	751.986	752.488	752.505	752.399	752.277	752.201	752.085	751.951	751.787	751.787	751.831	6
7	752.021E	751.976	752.491	752.502	752.386	752.271	752.193	752.082	751.947	751.786	751.786	751.839	7
8	752.020E	751.972	752.494	752.501	752.383	752.268	752.173	752.074	751.946	751.783	751.779	751.840	8
9	752.018E	751.968	752.497	752.496	752.367	752.263	752.167	752.070	751.947	751.783	751.781	751.838	9
10	752.017E	751.964	752.495	752.494	752.362	752.258	752.161	752.069	751.937	751.782	751.785	751.843	10
11	752.016E	751.961	752.493	752.485	752.357	752.253	752.154	752.066	751.928	751.779	751.785	751.846	11
12	752.014E	751.965	752.499	752.482	752.353	752.249	752.157	752.061	751.925	751.785	751.787	751.845	12
13	752.013E	751.968	752.500	752.475	752.350	752.251	752.156	752.055	751.918	751.789	751.787	751.844	13
14	752.012E	751.974	752.504	752.474	752.349	752.257	752.167	752.048	751.903	751.790	751.784	751.844	14
15	752.011E	751.982	752.508	752.479	752.350	752.251	752.159	752.048	751.893	751.792	751.782A	751.850	15
16	752.010E	752.033	752.511	752.476	752.338	752.249	752.156	752.045	751.884	751.795	751.785	751.852	16
17	752.008E	752.155	752.506	752.474	752.328	752.243	752.154	752.042	751.877	751.790	751.784	751.854	17
18	752.007E	752.245	752.506	752.473	752.322	752.238	752.152	752.039	751.876	751.787	751.796	751.852	18
19	752.006E	752.356	752.509	752.464	752.316	752.237	752.155	752.035	751.869	751.789	751.795A	751.856	19
20	752.004E	752.414	752.507	752.458	752.320	752.239	752.153	752.032	751.855	751.780	751.792A	751.860	20
21	752.003E	752.435	752.506	752.461	752.320	752.238	752.149	752.038	751.847	751.774	751.798	751.856	21
22	752.002E	752.450	752.510	752.461	752.318	752.238	752.144	752.036	751.841	751.768	751.799	751.855	22
23	752.001E	752.461	752.518	752.472	752.306	752.233	752.139	752.031	751.836	751.768	751.798	751.857	23
24	752.000E	752.464	752.516	752.478	752.300	752.230	752.128	752.028	751.829	751.769	751.806	751.857	24
25	751.998E	752.464	752.517	752.475	752.299	752.227	752.121	752.025	751.824	751.767	751.809	751.859	25
26	751.997E	752.468	752.513	752.468	752.297	752.223	752.114	752.022	751.815	751.772	751.813	751.861	26
27	751.996E	752.467	752.518	752.466	752.293	752.221	752.109	752.016	751.809	751.771	751.810	751.859	27
28	751.994E	752.470	752.524	752.462	752.291	752.215	752.104	752.010	751.809	751.775	751.809	751.862	28
29	751.993E		752.524	752.458	752.289	752.217	752.107	752.009	751.803	751.778	751.815	751.863	29
30	751.992E		752.524	752.454	752.287	752.222	752.102	752.000	751.800	751.773	751.818	751.866	30
31	751.991E		752.529		752.284		752.095	751.987		751.773		751.866	31
MEAN	752.010	752.162	752.504	752.483	752.346	752.250	752.156	752.049	751.890	751.783	751.793	751.847	MEAN
MAX	752.033	752.470	752.529	752.527	752.444	752.292	752.220	752.098	751.978	751.800	751.818	751.866	MAX
MIN	751.991	751.961	752.471	752.454	752.284	752.215	752.095	751.987	751.800	751.767	751.777	751.817	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 752.106
MAXIMUM DAILY, 752.529 ON MAR 31
MINIMUM DAILY, 751.767 ON OCT 25
MAXIMUM INSTANTANEOUS,
752.532 AT 16:25 CST ON MAR 31

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 40 N
LONG 105 28 33 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1975

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

COTTONWOOD CREEK NEAR LUMSDEN - STATION NO. 05JF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0	0	0	0	0	0	0	0	---	---	1
2	---	0B	0	0	0	0	0	0	0	0	---	---	2
3	---	0B	0	0	0	0	0	0	0	0	---	---	3
4	---	0B	0	0	0	0	0	0	0	0	---	---	4
5	---	0B	0	0	0	0	0	0	0	0	---	---	5
6	---	0B	0	0	0	0	0	0	0	0	---	---	6
7	---	0B	0	0	0	0	0	0	0	0	---	---	7
8	---	0B	0	0	0	0	0	0	0	0	---	---	8
9	---	0B	0	0	0	0	0	0	0	0	---	---	9
10	---	0B	0	0	0	0	0	0	0	0	---	---	10
11	---	0B	0	0	0	0	0	0	0	0	---	---	11
12	---	0B	0	0	0	0	0	0	0	0	---	---	12
13	---	0B	0	0	0	0	0	0	0	0	---	---	13
14	---	0B	0	0	0	0	0	0	0	0	---	---	14
15	---	0B	0	0	0	0	0	0	0	0	---	---	15
16	---	0B	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 26 N
LONG 104 54 31 W
DRAINAGE AREA, 613 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

COWAN LAKE NEAR HONEYMOON POINT - STATION NO. 06AE002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	476.093E	476.137	476.087	476.041	475.912	475.860	---	---	1
2	---	---	---	---	476.094E	476.135	476.087	476.037	475.892	475.858	---	---	2
3	---	---	---	---	476.095E	476.135E	476.083	476.039	475.910	475.858	---	---	3
4	---	---	---	---	476.096E	476.135	476.081	476.043	475.916	475.858	---	---	4
5	---	---	---	---	476.097	476.137	476.079	476.039	475.922	475.858	---	---	5
6	---	---	---	---	476.103	476.135E	476.075	476.037	475.922	475.858	---	---	6
7	---	---	---	---	476.115	476.133	476.073	476.035	475.922	475.856	---	---	7
8	---	---	---	---	476.123	476.125	476.069	476.030E	475.928	475.852	---	---	8
9	---	---	---	---	476.135	476.121	476.069E	476.025E	475.928	475.862	---	---	9
10	---	---	---	---	476.145	476.135	476.069	476.020E	475.918	475.864	---	---	10
11	---	---	---	---	476.151	476.119	476.065	476.016E	475.910	475.864E	---	---	11
12	---	---	---	---	476.149	476.113	476.063	476.011E	475.906	475.864	---	---	12
13	---	---	---	---	476.133	476.107	476.059	476.006E	475.902	475.868	---	---	13
14	---	---	---	---	476.131	476.107	476.057	476.002E	475.898	475.862	---	---	14
15	---	---	---	---	476.107	476.103	476.071	475.997E	475.892	475.858	---	---	15
16	---	---	---	---	476.091	476.099	476.073	475.992E	475.882	475.871E	---	---	16
17	---	---	---	---	476.077	476.145	476.071	475.988E	475.882	475.884	---	---	17
18	---	---	---	---	476.088E	476.121	476.065	475.983E	475.882	475.886E	---	---	18
19	---	---	---	---	476.099	476.111	476.061E	475.978	475.872E	475.888	---	---	19
20	---	---	---	---	476.119	476.113	476.057E	475.964	475.862	475.884	---	---	20
21	---	---	---	---	476.133	476.111	476.053	475.958	475.868	475.870	---	---	21
22	---	---	---	---	476.133	476.119	476.055	475.966	475.872	475.872	---	---	22
23	---	---	---	---	476.129	476.115	476.059	475.962	475.878	475.864	---	---	23
24	---	---	---	---	476.131	476.123	476.073	475.958	475.878	475.864	---	---	24
25	---	---	---	---	476.131	476.121	476.061	475.954	475.878	475.864E	---	---	25
26	---	---	---	---	476.131	476.118E	476.049	475.950	475.876	475.863E	---	---	26
27	---	---	---	---	476.133	476.115	476.045	475.942	475.876	475.863E	---	---	27
28	---	---	---	---	476.133	476.109	476.043	475.934	475.868	475.863E	---	---	28
29	---		---	---	476.145	476.101	476.041	475.932	475.866	475.863E	---	---	29
30	---		---	---	476.139	476.097	476.047	475.928	475.863E	475.862E	---	---	30
31	---		---		476.139		476.049	475.922		475.862		---	31
MEAN	---	---	---	---	476.120	476.120	476.064	475.990	475.893	475.865	---	---	MEAN
MAX	---	---	---	---	476.151	476.145	476.087	476.043	475.928	475.888	---	---	MAX
MIN	---	---	---	---	476.077	476.097	476.041	475.922	475.862	475.852	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 476.151 ON MAY 11

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 52 N
LONG 107 12 24 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE LAKE AT CABLE BAY - STATION NO. 07LD001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	486.662	486.693	486.739	486.758	486.781	486.791	486.773	486.732	486.647	486.529	486.471	486.498	1
2	486.664	486.697	486.741	486.755	486.787	486.795	486.767	486.730	486.619	486.522	486.488	486.496	2
3	486.672	486.697	486.742	486.756	486.789	486.795	486.760	486.729	486.606	486.517	486.522	486.493	3
4	486.671	486.694	486.749	486.758	486.791	486.785	486.749	486.729	486.626	486.526	486.478	486.494	4
5	486.669	486.696	486.751	486.759	486.792	486.790	486.752	486.730	486.616	486.531	486.483	486.506	5
6	486.672	486.692	486.749	486.755	486.791	486.816	486.786	486.719	486.610	486.543	486.478	486.509	6
7	486.672	486.698	486.749	486.754	486.794	486.828	486.790	486.726	486.617	486.577	486.468	486.507	7
8	486.674	486.691	486.749	486.760	486.792	486.807	486.737	486.724	486.605	486.569	486.476	486.502	8
9	486.675	486.691	486.749	486.765	486.793	486.804	486.743	486.715	486.607	486.567	486.481	486.507	9
10	486.677	486.695	486.749	486.766	486.795	486.800	486.769	486.707	486.577	486.531	486.488	486.520	10
11	486.676	486.698	486.741	486.761	486.794	486.799	486.782	486.704	486.588	486.514	486.488	486.517	11
12	486.676	486.699	486.745	486.758	486.795	486.797	486.786	486.700	486.585	486.520	486.491	486.520	12
13	486.675	486.705	486.744	486.759	486.800	486.793	486.787	486.674	486.590	486.518	486.474	486.522	13
14	486.681	486.708	486.743	486.763	486.796	486.794	486.793	486.697	486.594	486.519	486.490	486.522	14
15	486.678	486.708	486.746	486.766	486.797	486.793	486.788	486.679	486.592	486.510	486.521	486.526	15
16	486.675	486.709	486.751	486.766	486.796	486.795	486.782	486.680	486.573	486.514	486.526	486.528	16
17	486.682	486.715	486.745	486.765	486.797	486.793	486.766	486.677	486.579	486.506	486.507	486.528	17
18	486.683	486.714	486.743	486.761	486.796	486.787	486.765	486.681	486.586	486.511	486.498	486.528	18
19	486.684	486.717	486.743	486.766	486.796	486.800	486.801	486.689	486.609	486.538	486.484	486.530	19
20	486.682	486.720	486.746	486.765	486.798	486.791	486.775	486.683	486.589	486.495	486.483	486.530	20
21	486.685	486.721	486.751	486.763	486.799	486.789	486.771	486.682	486.564	486.494	486.483	486.532	21
22	486.689	486.726	486.754	486.764	486.802	486.785	486.788	486.685	486.573	486.493	486.488	486.532	22
23	486.689	486.731	486.756	486.766	486.804	486.784	486.796	486.683	486.548	486.493	486.485	486.530	23
24	486.687	486.736	486.758	486.771	486.803	486.785	486.764	486.684	486.554	486.497	486.486	486.530	24
25	486.690	486.736	486.757	486.771	486.802	486.774	486.759	486.684	486.553	486.516	486.488	486.534	25
26	486.690	486.740	486.757	486.769	486.804	486.777	486.744	486.681	486.558	486.519	486.487	486.534	26
27	486.693	486.737	486.756	486.766	486.804	486.766	486.739	486.674	486.554	486.500	486.485	486.530	27
28	486.695	486.738	486.753	486.769	486.799	486.773	486.739	486.670	486.572	486.519	486.490	486.530	28
29	486.693		486.761	486.769	486.797	486.771	486.755	486.661	486.543	486.499	486.491	486.532	29
30	486.692		486.756	486.770	486.798	486.761	486.741	486.657	486.527	486.490	486.489	486.536	30
31	486.696		486.757		486.798		486.736	486.639		486.480		486.537	31
MEAN	486.681	486.711	486.749	486.763	486.796	486.791	486.767	486.694	486.585	486.518	486.489	486.521	MEAN
MAX	486.696	486.740	486.761	486.771	486.804	486.828	486.801	486.732	486.647	486.577	486.526	486.537	MAX
MIN	486.662	486.691	486.739	486.754	486.781	486.761	486.736	486.639	486.527	486.480	486.468	486.493	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 486.672
MAXIMUM DAILY, 486.828 ON JUN 7
MINIMUM DAILY, 486.468 ON NOV 7
MAXIMUM INSTANTANEOUS,
486.849 AT 17:47 CST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 21 00 N
LONG 107 08 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE RIVER AT OUTLET OF WAPATA LAKE - STATION NO. 07LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.9	81.0	77.4E	102E	146	154	125	115	103	88.1	87.2	80.4	1
2	74.4	81.2	78.2E	103E	153	152	124	114	101	89.1	89.4	80.3	2
3	74.3	81.0	80.0E	103E	159	150	123	114	100	91.1	89.7	80.1	3
4	74.3	81.1	82.0E	103E	166	149	121	113	100	91.5	89.6	80.0	4
5	74.3	81.3	84.0E	103E	176	147	120	114	100	92.1	89.8	79.4	5
6	74.1	81.1	86.0E	104E	192	146	121	113	99.4	92.6	89.8	79.2	6
7	74.2	81.0	87.0E	104E	200	144	120	112	98.4	92.7	89.1	78.7	7
8	74.4	81.0	88.0E	104A	201	141	121	112	98.0	92.7	88.4	78.6	8
9	74.3	81.1	89.0E	104	201	140	122	111	97.9	92.8	86.7	78.1	9
10	74.2	81.1	90.5E	104	200	138	124	109	95.9	92.8	85.0	77.6	10
11	74.9	80.8	91.8E	104	197	138	125	108	96.1	92.7	83.4	77.9	11
12	75.0	80.8	92.4E	104	196	137	126	108	95.8	93.0	82.5	77.7	12
13	75.4	80.6	93.0E	103	193	136	126	108	95.5	93.5	82.9	77.4	13
14	75.7	80.6	94.0E	104	191	135	125	108	95.0	93.7	85.0	76.9	14
15	76.1	80.0	94.2E	103	189	134	124	108	94.4	94.4	83.8	76.4	15
16	76.4	79.1	95.0E	103	187	133	124	109	94.1	94.5	82.5	75.8	16
17	76.7	78.8	95.7E	103	185	132	124	109	93.4	94.1	79.5	76.8	17
18	76.7	78.2A	96.5E	103	182	131	123	108	93.0	94.2	77.8	77.1	18
19	76.9	77.8E	97.2E	104	181	130	123	107	93.6	93.8	76.1	77.6	19
20	77.2	77.6E	98.0E	104	179	129	122	107	93.4	91.6	75.3	77.7	20
21	78.0	77.4E	98.4E	104	177	128	121	108	92.4	88.4	75.2	78.4	21
22	78.2	76.8E	98.8E	105	176	128	120	108	91.7	83.7	76.1	78.9	22
23	78.4	76.6E	99.2E	107	175	127	119	108	90.8	82.1	76.8	79.3	23
24	79.0	76.4E	99.6E	110	173	126	118	107	91.0	81.0	78.3	79.7	24
25	78.9	76.3E	100 E	113	171	126	117	107	91.2	81.3	79.5	79.6	25
26	79.1	76.2E	100 E	116	169	126	117	106	89.9	80.8	79.8	79.6	26
27	79.7	76.1E	101 E	121	167	125	116	106	89.3	80.4	79.8	79.2	27
28	80.1	76.0E	101 E	126	164	125	116	105	89.5	79.3	79.9	78.9	28
29	80.6		101 E	133	161	125	116	103	88.5	78.7	80.1	78.7	29
30	80.8		102 E	139	159	125	115	103	87.5	80.7	80.1	77.9	30
31	80.9		102 E		156		115	102		84.8		77.0	31
TOTAL	2 378.1	2 217.0	2 892.9	3 243	5 522	4 057	3 753	3 370	2 839.7	2 752.2	2 479.1	2 430.9	TOTAL
MEAN	76.7	79.2	93.3	108	178	135	121	109	94.7	88.8	82.6	78.4	MEAN
MAX	80.9	81.3	102	139	201	154	126	115	103	94.5	89.8	80.4	MAX
MIN	74.1	76.0	77.4	102	146	125	115	102	87.5	78.7	75.2	75.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 104
MAXIMUM DAILY, 201 ON MAY 8
MINIMUM DAILY, 74.1 ON JAN 6
MAXIMUM INSTANTANEOUS,
202 AT 22:02 CST ON MAY 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 105 49 10 W
DRAINAGE AREA, 21 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	205 000	JUL	324 000
FEB	192 000	AUG	291 000
MAR	250 000	SEP	245 000
APR	280 000	OCT	238 000
MAY	477 000	NOV	214 000
JUN	351 000	DEC	210 000

TOTAL DISCHARGE, 3 280 000 dam³

CREIGHTON TRIBUTARY NEAR TOTNES - STATION NO. 05HF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001B	0.005	0.001	0.001	0	0	0	0	0.001	---	1
2	---	0 B	0.001B	0.006	0.001	0.001	0	0	0	0	0.001A	---	2
3	---	0 B	0.005B	0.004	0.001	0.001	0	0	0	0	---	---	3
4	---	0 B	0.010B	0.003	0.001	0	0	0	0	0	---	---	4
5	---	0 B	0.025B	0.002	0.001	0	0	0	0	0	---	---	5
6	---	0 B	0.036B	0.002	0.001	0.001	0	0	0	0	---	---	6
7	---	0 B	0.022B	0.002	0.001	0.001	0	0	0	0	---	---	7
8	---	0 B	0.011B	0.002	0.001	0.001	0	0	0	0	---	---	8
9	---	0 B	0.009B	0.002	0.001	0.001	0	0	0	0	---	---	9
10	---	0 B	0.028B	0.002	0.002	0	0	0	0	0	---	---	10
11	---	0 B	0.090B	0.003	0.001	0	0	0	0	0.001	---	---	11
12	---	0 B	0.074B	0.002	0.001	0	0	0	0	0.001	---	---	12
13	---	0 B	0.046	0.001	0.001	0.003	0	0	0	0	---	---	13
14	---	0 B	0.033	0.001	0.001	0.010	0	0	0	0	---	---	14
15	---	0 B	0.021	0.001	0.001	0.002	0	0	0	0.001	---	---	15
16	---	0 B	0.013	0.001	0.001	0.001	0	0	0	0	---	---	16
17	---	0 B	0.009	0.001	0.001	0.001	0	0	0	0	---	---	17
18	---	0.001B	0.007	0.001	0.001	0.001	0	0	0	0	---	---	18
19	---	0.001B	0.004	0.001	0.001	0.001	0	0	0	0	---	---	19
20	---	0.002B	0.002B	0.001	0.001	0.001	0	0	0	0	---	---	20
21	---	0.010B	0.002B	0.001	0.001	0.001	0.012	0	0	0	---	---	21
22	---	0.015B	0.001B	0.001	0.001	0	0.191	0	0	0	---	---	22
23	---	0.020B	0.003B	0.001	0.001	0	0.006	0	0	0	---	---	23
24	---	0.022B	0.004B	0.001	0.001	0	0.001	0	0	0	---	---	24
25	---	0.016B	0.005	0.001	0.001	0	0.001	0	0	0	---	---	25
26	---	0.005B	0.003	0.001	0.001	0	0	0	0	0.001	---	---	26
27	---	0.003B	0.004	0.001	0	0	0	0	0	0.001	---	---	27
28	---	0.002B	0.006	0.001	0	0	0	0	0	0.001	---	---	28
29	---		0.005	0	0.001	0	0.002	0	0	0.001	---	---	29
30	---		0.005	0.001	0.001	0	0.001	0	0	0.001	---	---	30
31	---		0.004		0		0	0		0.001		---	31
TOTAL	---	0.097	0.489	0.052	0.029	0.028	0.214	0	0	0.009	---	---	TOTAL
MEAN	---	0.003	0.016	0.002	0.001	0.001	0.007	0	0	0	---	---	MEAN
MAX	---	0.022	0.090	0.006	0.002	0.010	0.191	0	0	0.001	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.191 ON JUL 22
MINIMUM DAILY, 0 ON APR 29
MAXIMUM INSTANTANEOUS,
0.982 AT 01:27 CST ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 108 27 03 W
DRAINAGE AREA, 13.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.5
FEB	8.38	AUG	0
MAR	42.2	SEP	0
APR	4.49	OCT	0.78
MAY	2.51	NOV	---
JUN	2.42	DEC	---

TOTAL DISCHARGE, 70.9 dam³

CROMARTY CREEK NEAR BIRCH HILLS - STATION NO. 05HH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.078E	0 E	0.014E	0 E	0	0	0	0	---	1
2	---	---	0 B	0.036E	0 E	0.007A	0 E	0	0	0	0	---	2
3	---	---	0 B	0.012A	0 E	0.005E	0 E	0	0	0	---	---	3
4	---	---	0 B	0.002	0 E	0.002E	0 E	0	0	0	---	---	4
5	---	---	0 B	0	0 E	0.001E	0 E	0	0	0	---	---	5
6	---	---	0 B	0	0 E	0 E	0 E	0	0	0	---	---	6
7	---	---	0 B	0	0 E	0 E	0 E	0	0	0	---	---	7
8	---	---	0 B	0	0 E	0 E	0 E	0	0	0	---	---	8
9	---	---	0 B	0	0 E	0 A	0 E	0	0	0	---	---	9
10	---	---	0 B	0	0 E	0 E	0 E	0	0	0	---	---	10
11	---	---	0 B	0	0 E	0 E	0 E	0	0	0	---	---	11
12	---	---	0 B	0	0 E	0 E	0 E	0	0	0	---	---	12
13	---	---	0 B	0	0 A	0 E	0.004E	0	0	0	---	---	13
14	---	---	0.002B	0	0 E	0 E	0.020E	0	0	0	---	---	14
15	---	---	0.020B	0	0 E	0 E	0.050E	0	0	0	---	---	15
16	---	---	0.040B	0	0 E	0 E	0.100E	0	0	0	---	---	16
17	---	---	0.077B	0	0 E	0 E	0.070E	0	0	0	---	---	17
18	---	---	0.053B	0	0 E	0 E	0.050E	0	0	0	---	---	18
19	---	---	0.038B	0	0 E	0 E	0.035E	0	0	0	---	---	19
20	---	---	0.026B	0	0 E	0 E	0.020E	0	0	0	---	---	20
21	---	---	0.017B	0	0 E	0 E	0.010E	0	0	0	---	---	21
22	---	---	0.005B	0	0 E	0 E	0.005E	0	0	0	---	---	22
23	---	---	0.003B	0	0 E	0 E	0.001A	0	0	0	---	---	23
24	---	---	0.001B	0 A	0 E	0 E	0 E	0	0	0	---	---	24
25	---	---	0.002B	0 E	0 E	0 A	0 E	0	0	0	---	---	25
26	---	---	0.004B	0 E	0 E	0 E	0 E	0	0	0	---	---	26
27	---	---	0.010B	0 E	0 E	0 E	0 E	0	0	0	---	---	27
28	---	---	0.033B	0 E	0 E	0 E	0 A	0	0	0	---	---	28
29	---		0.064E	0 E	0.007E	0 E	0 A	0	0	0	---	---	29
30	---		0.125A	0 E	0.030E	0 E	0	0	0	0		---	30
31	---		0.150E		0.021E		0	0		0		---	31
TOTAL	---	---	0.670	0.128	0.058	0.029	0.365	0	0	0	---	---	TOTAL
MEAN	---	---	0.022	0.004	0.002	0.001	0.012	0	0	0	---	---	MEAN
MAX	---	---	0.150	0.078	0.030	0.014	0.100	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0				MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.150E ON MAR 31
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 32 N
LONG 105 28 16 W
DRAINAGE AREA, 71.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31.5
FEB	---	AUG	0
MAR	57.9	SEP	0
APR	11.1	OCT	0
MAY	5.01	NOV	---
JUN	2.51	DEC	---

TOTAL DISCHARGE, 108 dam³

CROOKED HILL CREEK NEAR CANORA - STATION NO. 05MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.040	0	0	0	0	0	0	---	---	1
2	---	---	0.001B	0.028	0	0	0	0	0	0	---	---	2
3	---	---	0.001B	0.018	0	0	0	0	0	0	---	---	3
4	---	---	0.001B	0.006	0	0	0	0	0	0	---	---	4
5	---	---	0.002B	0.002	0	0	0	0	0	0	---	---	5
6	---	---	0.002B	0.001	0	0	0	0	0	0	---	---	6
7	---	---	0.002B	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0.004B	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0.006B	0 001	0	0	0	0	0	0	---	---	9
10	---	---	0.008B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0.010B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0.020B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0.068B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.135B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0.107B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0.080B	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0.165B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0.157B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0.123B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.209B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.400B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.350B	0.001	0	0	0	0	0	0B	---	---	22
23	---	---	0.241B	0.001	0	0	0	0	0	0B	---	---	23
24	---	---	0.279B	0.001	0	0	0	0	0	0B	---	---	24
25	---	---	0.224B	0	0	0	0	0	0	0B	---	---	25
26	---	---	0.159B	0	0	0	0	0	0	0B	---	---	26
27	---	---	0.095	0	0	0	0	0	0	0B	---	---	27
28	---	---	0.068	0	0	0	0	0	0	0B	---	---	28
29	---		0.054	0	0	0	0	0	0	0B	---	---	29
30	---		0.058	0	0		0	0		0B		---	30
31	---		0.035		0		0	0		0B		---	31
TOTAL	---	---	3.065	0.113	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.099	0.004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.400	0.040	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0	0	0	0	0	0				MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.400B ON MAR 21
MINIMUM DAILY, 0 ON APR 25
MAXIMUM INSTANTANEOUS,
1.13B AT 12:00 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 48 N
LONG 102 25 41 W
DRAINAGE AREA, 582 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	265	SEP	0
APR	9.76	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 275 dam³

CROOKED LAKE NEAR GRAYSON - STATION NO. 05JM006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	451.031	450.980	450.887	451.222	451.361	451.425	451.542	451.711	451.546	451.439	451.164	450.921	1
2	451.034	450.935	450.883	451.232	451.367	451.429	451.551	451.713	451.538	451.434	451.142	450.919	2
3	451.037	450.933	450.882	451.242	451.372	451.434	451.551	451.709	451.532	451.433	451.124	450.920	3
4	451.040	450.930	450.875A	451.254	451.373	451.451	451.551	451.706	451.530	451.431	451.103	450.920	4
5	451.048	450.929	450.875E	451.262	451.377	451.464	451.551	451.707	451.531	451.429	451.081	450.923	5
6	451.052	450.924	450.875E	451.272	451.382	451.463	451.549	451.703	451.536	451.421	451.062	450.924	6
7	451.056	450.921	450.875E	451.270	451.383	451.469	451.549	451.701	451.539	451.404	451.040	450.923	7
8	451.056	450.917	450.875E	451.265	451.385	451.467	451.546	451.697	451.542	451.388	451.018	450.925	8
9	451.053	450.914	450.874E	451.270	451.384	451.469	451.526	451.691	451.537	451.373	450.999	450.927	9
10	451.051	450.909	450.874E	451.274	451.381	451.474	451.524	451.684	451.526	451.357	450.988	450.931	10
11	451.049	450.907	450.874E	451.274	451.389	451.475	451.523	451.679	451.517	451.348	450.974	450.936	11
12	451.048	450.905	450.874A	451.281	451.391	451.477	451.524	451.674	451.510	451.354	450.967	450.936	12
13	451.045	450.904	450.893	451.287	451.392	451.483	451.530	451.667	451.504	451.351	450.963	450.933	13
14	451.042	450.903	450.915	451.291	451.396	451.524	451.543	451.657	451.499	451.337	450.958	450.929	14
15	451.037	450.901	450.938	451.295	451.390	451.539	451.551	451.650	451.492	451.333	450.952	450.927	15
16	451.029	450.898	450.961	451.301	451.385	451.543	451.581	451.644	451.486	451.327	450.946	450.925	16
17	451.027	450.896	450.961	451.310	451.386	451.540	451.637	451.640	451.485	451.319	450.942	450.918	17
18	451.021	450.893	451.001	451.314	451.389	451.537	451.684	451.637	451.484	451.306	450.941	450.916	18
19	451.015	450.893	451.019	451.316	451.389	451.537	451.721	451.633	451.475	451.297	450.937	450.912	19
20	451.009	450.898	451.036A	451.312	451.388	451.537	451.738	451.627	451.470	451.283	450.927	450.909	20
21	451.003	450.903	451.048E	451.323	451.392	451.545	451.733	451.622	451.465	451.268	450.926	450.908	21
22	450.996	450.900	451.059E	451.325	451.393	451.547	451.722	451.618	451.462	451.253	450.925	450.908	22
23	450.992	450.902	451.069E	451.326	451.396	451.549	451.724	451.611	451.456	451.238	450.924	450.906	23
24	450.984	450.898	451.082A	451.320	451.397	451.549	451.723	451.608	451.445	451.231	450.927	450.903	24
25	450.982	450.896	451.100	451.327	451.401	451.541	451.718	451.605	451.442	451.218	450.930	450.901	25
26	450.976	450.896	451.118	451.332	451.404	451.534	451.714	451.601	451.470	451.218	450.936	450.900	26
27	450.968	450.895	451.137	451.335	451.405	451.532	451.717	451.592	451.456	451.208	450.935	450.897	27
28	450.961	450.889	451.157	451.341	451.406	451.527	451.711	451.581	451.446	451.208	450.929	450.893	28
29	450.953		451.175	451.351	451.411	451.528	451.705	451.570	451.443	451.208	450.925	450.891	29
30	450.948		451.193	451.360	451.415	451.535	451.711	451.564	451.445	451.206	450.925	450.890	30
31	450.946		451.210		451.421		451.716	451.557		451.183		450.890	31
MEAN	451.016	450.908	450.988	451.296	451.390	451.504	451.625	451.647	451.494	451.316	450.984	450.915	MEAN
MAX	451.056	450.940	451.210	451.360	451.421	451.549	451.738	451.713	451.546	451.439	451.164	450.936	MAX
MIN	450.946	450.889	450.874	451.222	451.361	451.425	451.523	451.557	451.442	451.183	450.924	450.890	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 451.259
MAXIMUM DAILY, 451.738 ON JUL 20
MINIMUM DAILY, 450.874E ON MAR 9
MAXIMUM INSTANTANEOUS,
451.740 AT 21:21 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 33 N
LONG 102 40 42 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CRYSTAL CREEK NEAR IFFLEY - STATION NO. 05EG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.128B	1.20 B	0.311	0.147	0.008	0.149	0.002	0.083	0.257	---	1
2	---	---	0.128B	1.29 B	0.279	0.111	0.038	0.142	0.010	0.088	0.255A	---	2
3	---	---	0.128B	1.42 B	0.302	0.099	0.101	0.140	0.020	0.116	---	---	3
4	---	---	0.128B	1.65 B	0.284	0.091	0.078	0.147	0.025	0.140	---	---	4
5	---	---	0.128B	1.73 B	0.292	0.072	0.070	0.143	0.030	0.151	---	---	5
6	---	---	0.128B	1.72 B	0.298	0.070	0.062	0.135	0.035	0.165	---	---	6
7	---	---	0.128B	1.82 B	0.263	0.057	0.062	0.145	0.033	0.162	---	---	7
8	---	---	0.128B	1.93 B	0.244	0.055	0.052	0.120	0.033	0.163	---	---	8
9	---	---	0.128B	1.65 B	0.242	0.051	0.002	0.031	0.033	0.160	---	---	9
10	---	---	0.128B	1.42 B	0.239	0.043	0.002	0.001	0.025	0.197	---	---	10
11	---	---	0.128B	1.29 B	0.253	0.050	0.033	0.091	0.020	0.218	---	---	11
12	---	---	0.128B	1.29 B	0.258	0.042	0.026	0.004	0.014	0.255	---	---	12
13	---	---	0.130B	1.35 B	0.231	0.029	0.036	0.003	0.006	0.258	---	---	13
14	---	---	0.135B	1.22 B	0.238	0.018	0.058	0.003	0.002	0.261	---	---	14
15	---	---	0.140B	1.05	0.262	0.011	0.074	0.003	0.002	0.240	---	---	15
16	---	---	0.143B	1.14	0.255	0.012	0.095	0.003	0.002	0.221	---	---	16
17	---	---	0.148B	1.24	0.251	0.006	0.140	0.014	0.002	0.191	---	---	17
18	---	---	0.156B	1.40	0.252	0.009	0.128	0.010	0.016	0.228	---	---	18
19	---	---	0.164B	1.46	0.278	0.001	0.115	0.018	0.025	0.248	---	---	19
20	---	---	0.175B	1.26	0.281	0.018	0.116	0.020	0.006	0.388	---	---	20
21	---	---	0.182B	1.04	0.266	0.016	0.119	0.020	0.006	0.328	---	---	21
22	---	---	0.196B	0.795	0.242	0.016	0.132	0.020	0.044	0.273	---	---	22
23	---	---	0.200B	0.695	0.208	0.032	0.151	0.015	0.053	0.262	---	---	23
24	---	---	0.205B	0.628	0.185	0.048	0.194	0.002	0.082	0.242	---	---	24
25	---	---	0.211B	0.499	0.179	0.067	0.171	0.001	0.069	0.239	---	---	25
26	---	---	0.225B	0.434	0.176	0.161	0.160	0.001	0.070	0.236	---	---	26
27	---	---	0.280B	0.429	0.164	0.041	0.154	0.001	0.076	0.227	---	---	27
28	---	---	0.370B	0.409	0.141	0.002	0.143	0.001	0.075	0.228	---	---	28
29	---		0.490B	0.400	0.172	0.002	0.150	0.002	0.066	0.413	---	---	29
30	---		0.655B	0.346	0.200	0.002	0.146	0.002	0.077	0.453	---	---	30
31	---		1.17 B		0.184		0.158	0.002		0.361		---	31
TOTAL	---	---	6.911	38.205	7.430	1.379	2.974	1.389	0.959	7.195	---	---	TOTAL
MEAN	---	---	0.223	1.14	0.240	0.046	0.096	0.045	0.032	0.232	---	---	MEAN
MAX	---	---	1.17	1.93	0.311	0.161	0.194	0.149	0.082	0.453	---	---	MAX
MIN	---	---	0.128	0.346	0.141	0.001	0.002	0.001	0.002	0.083	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.255
MAXIMUM DAILY, 1.93B ON APR 8
MINIMUM DAILY, 0.001 ON JUN 19
MAXIMUM INSTANTANEOUS,
2.03B AT 20:28 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 47 N
LONG 108 09 23 W
DRAINAGE AREA, 502 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	257
FEB	---	AUG	120
MAR	597	SEP	82.9
APR	2 960	OCT	622
MAY	642	NOV	---
JUN	119	DEC	---

TOTAL DISCHARGE, 5 400 dam³

CUMBERLAND LAKE NEAR CUMBERLAND HOUSE - STATION NO. 05KH002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	265.783	265.826	265.742	265.532	265.509	265.557	265.869	265.683	265.786	265.244	264.937	265.191	1
2	265.791	265.833	265.709	265.573	265.488	265.592	265.860	265.730	265.821	265.174	264.898	265.180	2
3	265.833	265.847	265.717	265.591	265.450	265.617	265.829	265.781	265.738	265.157	264.928	265.181	3
4	265.884	265.840	265.746	265.639	265.388	265.635	265.835	265.838	265.700	265.148	264.950	265.181	4
5	265.863	265.820	265.775	265.682	265.378	265.674	265.813	265.900	265.761	265.175	264.900	265.242	5
6	265.820	265.798	265.780	265.696	265.397	265.717	265.793	265.984	265.762	265.232	264.941	265.096	6
7	265.853	265.797	265.788	265.683	265.427	265.786	265.792	266.004	265.742	265.201	265.034	265.189	7
8	265.898	265.808	265.776	265.721	265.480	265.798	265.635	266.039	265.693	265.209	264.954	265.245	8
9	265.945	265.804	265.771	265.750	265.349	265.810	265.639	266.059	265.672	265.282	264.943	265.286	9
10	265.986	265.803	265.767	265.805	265.302	265.807	265.599	266.088	265.658	265.268	265.069	265.342	10
11	266.007	265.803	265.749	265.834	265.248	265.793	265.553	266.137	265.620	265.288	265.082	265.376	11
12	265.982	265.802	265.710	265.810	265.158	265.789	265.542	266.142	265.603	265.386	264.989	265.384	12
13	265.918	265.802	265.697	265.769	265.195	265.805	265.523	266.176	265.566	265.333	265.012	265.344	13
14	265.895	265.783	265.694	265.820	265.292	265.799	265.532	266.169	265.535	265.297	265.069	265.373	14
15	265.872	265.765	265.708	265.844	265.266	265.781	265.552	266.163	265.514	265.299	265.067	265.393	15
16	265.872	265.739	265.707	265.853	265.222	265.781	265.529	266.152	265.484	265.303	265.044	265.416	16
17	265.905	265.774	265.692	265.831	265.286	265.910	265.509	266.157	265.468	265.334	264.959	265.437	17
18	265.910	265.778	265.744	265.856	265.387	265.830	265.515	266.148	265.497	265.202	265.002	265.468	18
19	265.909	265.766	265.780	265.816	265.435	265.832	265.573	266.139	265.490	265.207	264.987	265.487	19
20	265.891	265.709	265.763	265.757	265.297	265.856	265.580	266.118	265.474	265.149	265.073	265.500	20
21	265.853	265.710	265.739	265.770	265.232	265.871	265.591	266.097	265.473	265.090	265.200	265.479	21
22	265.813	265.727	265.741	265.750	265.083	265.867	265.597	266.086	265.441	265.277	265.191	265.496	22
23	265.858	265.716	265.717	265.724	265.165	265.876	265.623	266.074	265.414	265.249	265.135	265.517	23
24	265.909	265.727	265.646	265.706	265.207	265.891	265.633	266.058	265.424	265.281	265.078	265.526	24
25	265.920	265.731	265.592	265.723	265.173	265.876	265.580	266.033	265.422	265.136	265.103	265.554	25
26	265.921	265.712	265.529	265.676	265.197	265.867	265.561	266.004	265.558	265.046	265.184	265.586	26
27	265.917	265.692	265.478	265.621	265.278	265.891	265.551	265.972	265.434	264.968	265.162	265.615	27
28	265.916	265.724	265.472	265.606	265.381	265.868	265.581	265.933	265.354	264.930	265.157	265.642	28
29	265.909		265.469	265.578	265.478	265.850	265.636	265.937	265.351	264.874	265.162	265.684	29
30	265.878		265.466	265.545	265.471	265.860	265.663	265.927	265.350	264.900	265.229	265.743	30
31	265.850		265.482		265.521		265.684	265.890		264.941		265.791	31
MEAN	265.889	265.773	265.682	265.719	265.327	265.796	265.638	266.019	265.560	265.180	265.045	265.418	MEAN
MAX	266.007	265.847	265.788	265.856	265.521	265.910	265.869	266.176	265.821	265.386	265.229	265.791	MAX
MIN	265.783	265.692	265.466	265.532	265.083	265.557	265.509	265.683	265.350	264.874	264.898	265.096	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 265.586
MAXIMUM DAILY, 266.176 ON AUG 13
MINIMUM DAILY, 264.874 ON OCT 29
MAXIMUM INSTANTANEOUS,
266.201 AT 14:45 CST ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 30 N
LONG 102 17 46 W

REGULATED

WATER LEVELS ARE REFERRED TO PROVINCE OF SASKATCHEWAN DATUN

CUTARM CREEK NEAR SPY HILL - STATION NO. 05JM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.027B	0.396B	0.423	0.013	0.008	0.004	0	0.001	0.006	---	1
2	---	---	0.027B	0.367	0.300	0.013	0.005	0.004	0	0.001	0.005	---	2
3	---	---	0.027B	0.318	0.215	0.032	0.020	0.003	0	0.001	0.005	---	3
4	---	---	0.027B	0.297	0.351	0.041	0.005	0.003	0	0.001	0.005A	---	4
5	---	---	0.027B	0.249A	0.346	0.084	0.005	0.003	0	0.001	---	---	5
6	---	---	0.027B	0.229	0.249	0.246	0.005	0.002	0	0.001	---	---	6
7	---	---	0.027B	0.272	0.195	0.056	0.017	0.002	0	0.001	---	---	7
8	---	---	0.027B	0.279	0.196	0.008	0.005	0.002	0	0.001	---	---	8
9	---	---	0.027B	0.225	0.210	0.036	0.005	0.001	0	0.001	---	---	9
10	---	---	0.027B	0.139	0.164	0.004	0.005	0.001	0	0.001	---	---	10
11	---	---	0.050B	0.123	0.103	0.029	0.005	0.001	0	0.001	---	---	11
12	---	---	0.100B	0.100	0.101	0.054	0.005	0.001	0	0.006	---	---	12
13	---	---	0.180B	0.080	0.076	0.128	0.005	0.001	0	0.013	---	---	13
14	---	---	0.212B	0.068	0.096	0.173	0.015	0.001	0	0.020	---	---	14
15	---	---	0.255B	0.058	0.087	0.394	0.030	0	0	0.018	---	---	15
16	---	---	0.268B	0.050	0.060	0.625	0.052	0	0	0.016	---	---	16
17	---	---	0.256B	0.042	0.037	0.540	0.040	0	0	0.015	---	---	17
18	---	---	0.230B	0.037	0.019	0.717	0.033	0	0	0.014	---	---	18
19	---	---	0.242B	0.033	0.016	0.667	0.028	0	0	0.013	---	---	19
20	---	---	0.230B	0.029	0.006	0.612	0.024	0	0	0.012	---	---	20
21	---	---	0.215B	0.026	0.019	0.508	0.021	0	0	0.011	---	---	21
22	---	---	0.200B	0.023	0.090	0.427	0.018	0	0	0.010	---	---	22
23	---	---	0.190B	0.020	0.057	0.398	0.014	0	0	0.009	---	---	23
24	---	0.027B	0.180B	0.056	0.058	0.345	0.011	0	0	0.009	---	---	24
25	---	0.027B	0.168B	0.046	0.062	0.292	0.008	0	0	0.008	---	---	25
26	---	0.027B	0.188B	0.035	0.036	0.137	0.006	0	0	0.008	---	---	26
27	---	0.027B	0.190B	0.048	0.012	0.038	0.005	0	0	0.007	---	---	27
28	---	0.027B	0.391B	0.124	0.010	0.025	0.012	0	0	0.007	---	---	28
29	---		0.521B	0.252	0.008	0.020	0.005	0	0.001	0.006	---	---	29
30	---		0.395B	0.334	0.023	0.013	0.004	0	0.001	0.006		---	30
31	---		0.371B		0.020		0.004	0		0.006		---	31
TOTAL	---	---	5.302	4.355	3.645	6.675	0.425	0.029	0.002	0.225	---	---	TOTAL
MEAN	---	---	0.171	0.145	0.118	0.223	0.014	0.001	0	0.007	---	---	MEAN
MAX	---	---	0.521	0.396	0.423	0.717	0.052	0.004	0.001	0.020	---	---	MAX
MIN	---	---	0.027	0.020	0.006	0.004	0.004	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 0.717 ON JUN 18
MINIMUM DAILY, 0 ON AUG 15
MAXIMUM INSTANTANEOUS,
1.22 AT 17:03 CST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 27 N
LONG 101 44 34 W
DRAINAGE AREA, 766 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	36.7
FEB	---	AUG	2.51
MAR	458	SEP	0.17
APR	376	OCT	19.4
MAY	315	NOV	---
JUN	577	DEC	---

TOTAL DISCHARGE, 1 780 dam³

CUTKNIFE CREEK NEAR CUTKNIFE - STATION NO. 05FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.21 B	0.013	0.002	0.001	0.001	0	0.001	0.001	---	1
2	---	---	0 B	4.48 B	0.015	0.001	0.001	0.001	0	0.001	0.001	---	2
3	---	---	0 B	2.45 B	0.016	0.001	0.001	0.002	0	0.001	0.001	---	3
4	---	---	0 B	0.877B	0.015	0.001	0.001	0.002	0	0.001	---	---	4
5	---	---	0 B	0.315B	0.015	0.001	0.001	0.002	0	0.001	---	---	5
6	---	---	0 B	0.208B	0.012	0.001	0.001	0.002	0	0.001	---	---	6
7	---	---	0 B	0.227	0.010	0.002	0.001	0.002	0	0.001	---	---	7
8	---	---	0 B	0.347	0.008	0.001	0.001	0.002	0	0.001	---	---	8
9	---	---	0 B	0.273	0.008	0.002	0.001	0.002	0	0.001	---	---	9
10	---	---	0 B	0.177	0.007	0.002	0.001	0.002	0	0.001	---	---	10
11	---	---	0.001B	0.122	0.007	0.002	0.001	0.002	0	0.001	---	---	11
12	---	---	0.005B	0.116	0.007	0.002	0.001	0.002	0	0.001	---	---	12
13	---	---	0.020B	0.097	0.006	0.002	0.001	0.002	0	0.001	---	---	13
14	---	---	0.040B	0.077	0.006	0.002	0.001	0.002	0	0.001	---	---	14
15	---	---	0.065B	0.058	0.006	0.001	0.001	0.002	0	0.001	---	---	15
16	---	---	0.083B	0.039	0.006	0.001	0.001	0.001	0	0.001	---	---	16
17	---	---	0.083B	0.054	0.007	0.001	0.001	0.002	0	0.001	---	---	17
18	---	---	0.099B	0.044	0.008	0.001	0.001	0.001	0	0.001	---	---	18
19	---	---	0.057B	0.040	0.006	0.001	0.001	0.001	0	0.001	---	---	19
20	---	---	0.036B	0.034	0.005	0.002	0.001	0.001	0	0.001	---	---	20
21	---	---	0.026B	0.021	0.005	0.002	0.001	0	0	0.001	---	---	21
22	---	---	0.028B	0.018	0.004	0.001	0.001	0	0	0.001	---	---	22
23	---	---	0.023B	0.017	0.005	0.001	0.001	0	0	0.001	---	---	23
24	---	---	0.025B	0.016	0.004	0.001	0.001	0	0	0.001	---	---	24
25	---	---	0.034B	0.015	0.004	0.001	0.001	0	0.001	0.001	---	---	25
26	---	---	0.024B	0.016	0.003	0.001	0.001	0	0.001	0.001	---	---	26
27	---	---	0.111B	0.013	0.004	0.001	0.001	0	0.001	0.001	---	---	27
28	---	---	0.975B	0.011	0.005	0.001	0.001	0	0.001	0.001	---	---	28
29	---		2.93 B	0.009	0.008	0.001	0.001	0	0.001	0.001	---	---	29
30	---		2.24 B	0.011	0.006	0.001	0.001	0	0.001	0.001	---	---	30
31	---		2.11 B		0.002		0.001	0		0.001		---	31
TOTAL	---	---	9.015	15.392	0.233	0.040	0.031	0.034	0.006	0.031	---	---	TOTAL
MEAN	---	---	0.291	0.513	0.008	0.001	0.001	0.001	0	0.001	---	---	MEAN
MAX	---	---	2.93	5.21	0.016	0.002	0.001	0.002	0.001	0.001	---	---	MAX
MIN	---	---	0	0.009	0.002	0.001	0.001	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 5.21B ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.66B AT 14:29 CST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 18 N
LONG 108 46 52 W
DRAINAGE AREA, 404 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.68
FEB	---	AUG	2.94
MAR	779	SEP	0.52
APR	1 330	OCT	2.68
MAY	20.1	NOV	---
JUN	3.46	DEC	---

TOTAL DISCHARGE, 2 140 dam³

CYPRESS LAKE - STATION NO. 11AC037

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	972.414	972.438	972.308	972.035	972.024	971.937	971.803E	971.641E	---	---	1
2	---	---	972.422	972.438	972.301	972.033	972.020	971.932	971.798E	971.636E	---	---	2
3	---	---	972.424	972.434	972.274	972.034	972.015	971.927	971.792E	971.631E	---	---	3
4	---	---	972.426	972.429	972.244	972.033	972.012	971.922	971.786E	971.625E	---	---	4
5	---	---	972.423	972.425	972.235	972.030	972.007	971.917	971.780E	971.621E	---	---	5
6	---	---	972.419	972.421	972.231	972.024	972.003	971.909	971.774E	971.617A	---	---	6
7	---	---	972.419	972.418	972.228	972.020	971.998	971.901	971.767E	971.617E	---	---	7
8	---	---	972.422	972.416	972.221	972.021	971.993	971.894A	971.762E	971.616E	---	---	8
9	---	---	972.423	972.413	972.211	972.019	971.985	971.890E	971.756E	971.616E	---	---	9
10	---	---	972.426	972.411	972.200	972.014	971.977	971.887E	971.749E	971.616E	---	---	10
11	---	---	972.429	972.409	972.191	972.007	971.970	971.884E	971.743E	971.615E	---	---	11
12	---	---	972.431	972.406	972.180	972.004	971.964	971.881E	971.737E	971.615E	---	---	12
13	---	---	972.436	972.403	972.168	972.008	972.001	971.877E	971.731E	971.616E	---	---	13
14	---	---	972.437	972.399	972.158	972.016	972.033	971.875E	971.725E	971.617E	---	---	14
15	---	---	972.437	972.398	972.148	972.031	972.042	971.873E	971.719E	971.618E	---	---	15
16	---	---	972.437	972.397	972.143	972.044	972.019	971.871E	971.713E	971.619E	---	---	16
17	---	---	972.437	972.395	972.137	972.057	972.008	971.868E	971.707A	971.621E	---	---	17
18	---	---	972.436	972.394	972.133	972.062	972.007	971.865E	971.702E	971.622E	---	---	18
19	---	---	972.437	972.394	972.129	972.062	972.002	971.862E	971.698E	971.623E	---	---	19
20	---	972.400E	972.437	972.393	972.129	972.063	971.999	971.861E	971.693E	971.624E	---	---	20
21	---	972.404E	972.433	972.392	972.124	972.063	971.997	971.859E	971.687E	971.625E	---	---	21
22	---	972.406E	972.432	972.391	972.111	972.063	971.994	971.856E	971.683E	971.626E	---	---	22
23	---	972.408E	972.433	972.390	972.099	972.063	971.987	971.853E	971.679E	971.627E	---	---	23
24	---	972.410E	972.431	972.381	972.090	972.063	971.978	971.850A	971.674E	971.628E	---	---	24
25	---	972.412A	972.430	972.372	972.083	972.055	971.965	971.845E	971.670E	971.629E	---	---	25
26	---	972.412	972.431	972.363	972.076	972.044	971.957	971.840E	971.665E	971.631E	---	---	26
27	---	972.411	972.432	972.353	972.071	972.039	971.954	971.833E	971.660E	971.632E	---	---	27
28	---	972.412	972.433	972.343	972.063	972.036	971.953	971.828E	971.655E	971.634A	---	---	28
29	---		972.434	972.331	972.053	972.031	971.952	971.822E	971.650E	971.635E	---	---	29
30	---		972.437	972.317	972.044	972.028	971.946	971.815E	971.645E	971.636E	---	---	30
31	---		972.436		972.037		971.941	971.810E		971.637E		---	31
MEAN	---	---	972.430	972.395	972.155	972.037	971.990	971.872	971.720	971.625	---	---	MEAN
MAX	---	---	972.437	972.438	972.308	972.063	972.042	971.937	971.803	971.641	---	---	MAX
MIN	---	---	972.414	972.317	972.037	972.004	971.941	971.810	971.645	971.615	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 972.438 ON APR 1

MAXIMUM INSTANTANEOUS,
972.627 AT 11:00 CST ON APR 16

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 51 N
LONG 109 23 44 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1939

CYPRESS LAKE EAST OUTFLOW CANAL - STATION NO. 11AC060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.030B	0.031	0.012	0.010	0.091	0.010	0	0.001	---	---	1
2	---	---	0.030B	0.030	0.011	0.009	0.066	0.009	0	0.002	---	---	2
3	---	---	0.030B	0.029	0.011	0.009	0.048	0.009	0	0.003	---	---	3
4	---	---	0.030B	0.028	0.011	0.009	0.034	0.008	0	0.004	---	---	4
5	---	---	0.030B	0.027	0.014	0.008	0.028	0.008	0	0.004	---	---	5
6	---	---	0.030B	0.022	0.026	0.009	0.025	0.006	0	0.004	---	---	6
7	---	---	0.030B	0.021	0.032	0.008	0.026	0.006	0	0.004	---	---	7
8	---	---	0.030B	0.021	0.032	0.009	0.024	0.005	0	0.004	---	---	8
9	---	---	0.033B	0.020	0.032	0.009	0.022	0.005	0	0.004	---	---	9
10	---	---	0.037B	0.017	0.033	0.008	0.022	0.004	0	0.004	---	---	10
11	---	---	0.040B	0.017	0.030	0.008	0.023	0.004	0	0.004	---	---	11
12	---	---	0.043B	0.017	0.030	0.008	0.027	0.003	0	0.004	---	---	12
13	---	---	0.047B	0.016	0.035	0.010	0.376	0.003	0	0.004	---	---	13
14	---	---	0.050B	0.016	0.039	0.014	0.461	0.002	0	0.004	---	---	14
15	---	---	0.053B	0.017	0.024	0.013	0.108	0.002	0	0.004	---	---	15
16	---	---	0.057B	0.015	0.027	0.046	0.050	0.002	0	0.005	---	---	16
17	---	---	0.060B	0.015	0.020	0.100	0.032	0.001	0	0.008	---	---	17
18	---	---	0.056B	0.014	0.015	0.087	0.025	0.001	0	0.009	---	---	18
19	---	---	0.052B	0.015	0.013	0.068	0.021	0	0	0.010	---	---	19
20	---	0.030B	0.048B	0.015	0.012	0.035	0.018	0	0	0.010	---	---	20
21	---	0.030B	0.044B	0.015	0.012	0.017	0.016	0	0	0.010	---	---	21
22	---	0.030B	0.040B	0.015	0.012	0.011	0.018	0	0	0.008	---	---	22
23	---	0.030B	0.036E	0.014	0.012	0.212	0.016	0	0	0.008	---	---	23
24	---	0.030B	0.035	0.014	0.011	0.404	0.015	0	0	0.009	---	---	24
25	---	0.030B	0.034	0.012	0.010	0.374	0.014	0	0	0.007	---	---	25
26	---	0.030B	0.032	0.012	0.011	0.385	0.014	0	0	0.006	---	---	26
27	---	0.030B	0.030	0.012	0.010	0.267	0.013	0	0	0.008	---	---	27
28	---	0.030B	0.028	0.012	0.011	0.206	0.012	0	0	0.010A	---	---	28
29	---		0.029	0.011	0.010	0.148	0.012	0	0	0.010E	---	---	29
30	---		0.034	0.012	0.009	0.107	0.011	0	0	0.010E	---	---	30
31	---		0.033		0.009		0.010	0		0.010E		---	31
TOTAL	---	---	1.191	0.532	0.576	2.608	1.674	0.088	0	0.192	---	---	TOTAL
MEAN	---	---	0.038	0.018	0.019	0.087	0.054	0.003	0	0.006	---	---	MEAN
MAX	---	---	0.060	0.031	0.039	0.404	0.461	0.010	0	0.010	---	---	MAX
MIN	---	---	0.028	0.011	0.009	0.008	0.010	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.461 ON JUL 14
MINIMUM DAILY, 0 ON AUG 19

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 10 N
LONG 109 21 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	145
FEB	---	AUG	7.68
MAR	103	SEP	0
APR	46.8	OCT	16.6
MAY	49.8	NOV	---
JUN	225	DEC	---

TOTAL DISCHARGE, 593 dam³

CYPRESS LAKE WEST INFLOW CANAL - STATION NO. 11AB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	1
2	---	---	0.003B	0	0	0	0	0	0	0	---	---	2
3	---	---	0.006B	0	0	0	0	0	0	0	---	---	3
4	---	---	0.016B	0	0	0	0	0	0	0	---	---	4
5	---	---	0.046B	0	0	0	0	0	0	0	---	---	5
6	---	---	0.026B	0	0	0	0	0	0	0	---	---	6
7	---	---	0.023B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.028	0	0.033	0	0	0	0	0	---	---	8
9	---	---	0.028	0	0.405	0	0	0	0	0	---	---	9
10	---	---	0.027	0	0.419	0	0	0	0	0	---	---	10
11	---	---	0.044	0	0.294	0	0	0	0	0	---	---	11
12	---	---	0.057	0	0.012	0	0	0	0	0	---	---	12
13	---	---	0.042	0	0.001	0	0	0	0	0	---	---	13
14	---	---	0.032	0	0	0	0	0	0	0	---	---	14
15	---	---	0.031	0	0	1.61	0	0	0	0	---	---	15
16	---	---	0.020	0	0.033	4.29	0	0	0	0	---	---	16
17	---	---	0.022	0	0.096	2.08	0	0	0	0	---	---	17
18	---	---	0.009	0	0.994	1.49	0	0	0	0	---	---	18
19	---	---	0.005	0	0.654	1.06	0	0	0	0	---	---	19
20	---	---	0.003	0	0.579	0.849	0	0	0	0	---	---	20
21	---	---	0.002	0	0.607	0.463	0	0	0	0	---	---	21
22	---	---	0.002A	0	0.621	0.410	0	0	0	0	---	---	22
23	---	---	0.002E	0	0.617	0.363	0	0	0	0	---	---	23
24	---	---	0.002A	0	0.623	0.368	0	0	0	0	---	---	24
25	---	---	0.001	0	0.592	0.374	0	0	0	0	---	---	25
26	---	0B	0.001	0	0.485	0.307	0	0	0	0	---	---	26
27	---	0B	0.001	0	0.265	0 036	0	0	0	0	---	---	27
28	---	0B	0.001	0	0.165	0.016	0	0	0	0	---	---	28
29	---		0.001	0	0.013	0.008	0	0	0	0	---	---	29
30	---		0.003	0	0	0.003	0	0	0	0		---	30
31	---		0.004		0		0	0		0			31
TOTAL	---	---	0.489	0.001	7.508	13.727	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.016	0	0.242	0.458	0	0	0	0	---	---	MEAN
MAX	---	---	0.057	0.001	0.994	4.29	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 4.29 ON JUN 16
MINIMUM DAILY, 0 ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 18 N
LONG 109 37 08 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	42.2	SEP	0
APR	0.09	OCT	0
MAY	649	NOV	---
JUN	1 190	DEC	---

TOTAL DISCHARGE, 1 880 dam³

CYPRESS LAKE WEST INFLOW CANAL DRAIN - STATION NO. 11AB085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0	0	0.001	0.002	0	0	0	---	---	1
2	---	---	0.003B	0	0	0.001	0.002	0	0	0	---	---	2
3	---	---	0.006B	0	0	0.001	0.001	0	0	0	---	---	3
4	---	---	0.016B	0	0	0.001	0.001	0	0	0	---	---	4
5	---	---	0.046B	0	0	0.001	0.001	0	0	0	---	---	5
6	---	---	0.026E	0	0	0.001	0.001	0	0	0	---	---	6
7	---	---	0.023E	0	0	0.001	0.001	0	0	0	---	---	7
8	---	---	0.028E	0	0	0.001	0.001	0	0	0	---	---	8
9	---	---	0.028E	0	0.003	0.001	0.001	0	0	0	---	---	9
10	---	---	0.027E	0	0.003	0.001	0.001	0	0	0	---	---	10
11	---	---	0.044E	0	0.002	0	0.001	0	0	0	---	---	11
12	---	---	0.057E	0	0.001	0	0.001	0	0	0	---	---	12
13	---	---	0.042E	0	0.001	0	0.001	0	0	0	---	---	13
14	---	---	0.032E	0	0.001	0	0.001	0	0	0	---	---	14
15	---	---	0.031E	0	0.001	0.002	0.001	0	0	0	---	---	15
16	---	---	0.020E	0	0.001	0.005	0	0	0	0	---	---	16
17	---	---	0.022E	0	0.001	0.003	0	0	0	0	---	---	17
18	---	---	0.009E	0	0.002	0.003	0	0	0	0	---	---	18
19	---	---	0.005E	0	0.002	0.003	0	0	0	0	---	---	19
20	---	---	0.003E	0	0.002	0.003	0	0	0	0	---	---	20
21	---	---	0.002E	0	0.002	0.002	0	0	0	0	---	---	21
22	---	---	0 A	0	0.002	0.002	0	0	0	0	---	---	22
23	---	---	0	0	0.002	0.002	0	0	0	0	---	---	23
24	---	---	0	0	0.002	0.002	0	0	0	0	---	---	24
25	---	---	0	0	0.003	0.002	0	0	0	0	---	---	25
26	---	---	0	0	0.003	0.002	0	0	0	0	---	---	26
27	---	---	0	0	0.002	0.002	0	0	0	0	---	---	27
28	---	---	0	0	0.002	0.002	0	0	0	0	---	---	28
29	---		0	0	0.002	0.002	0	0	0	0	---	---	29
30	---		0	0	0.001	0.002	0	0	0	0	---	---	30
31	---		0		0.001		0	0		0		---	31
TOTAL	---	---	0.471	0	0.042	0.049	0.017	0	0	0	---	---	TOTAL
MEAN	---	---	0.015	0	0.001	0.002	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.057	0	0.003	0.005	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.057E ON MAR 12
MINIMUM DAILY, 0A ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 109 36 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.47
FEB	---	AUG	0
MAR	40.7	SEP	0
APR	0	OCT	0
MAY	3.63	NOV	---
JUN	4.23	DEC	---

TOTAL DISCHARGE, 50.0 dam³

CYPRESS LAKE WEST OUTFLOW CANAL - STATION NO. 11AB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.001	2.63	1.23	0.001	0.005	0	0.024	---	---	1
2	---	---	0.001B	0.001	2.44	0.019	0.001	0.005	0	0.023	---	---	2
3	---	---	0.001B	0.001	2.43	0.006	0.001	0.010	0	0.023	---	---	3
4	---	---	0.002B	0.001	2.70	0.005	0.001	0.037	0	0.029	---	---	4
5	---	---	0.010B	0.001	2.73	0.003	0.001	0.019	0	0.027	---	---	5
6	---	---	0.005	0.001	2.76	0.003	0.061	0.003	0	0.029	---	---	6
7	---	---	0.003	0.001	2.51	0.003	0.113	0.001	0	0.027	---	---	7
8	---	---	0.003	0.001	2.38	0.003	0.040	0	0	0.020	---	---	8
9	---	---	0.003	0	2.29	0.006	0.245	0	0	0.009	---	---	9
10	---	---	0.003	0	2.18	0.004	0.542	0	0	0.007	---	---	10
11	---	---	0.003	0	2.25	0.002	0.258	0	0	0.045	---	---	11
12	---	---	0.003	0.001	2.11	0.003	0.265	0	0	0.022	---	---	12
13	---	---	0.002	0	2.05	0.007	0.763	0	0	0.005	---	---	13
14	---	---	0.002	0	2.08	0.012	0.372	0	0	0.019	---	---	14
15	---	---	0.002	0	2.49	0.005	0.232	0	0	0.028	---	---	15
16	---	---	0.002	0	2.50	0.003	0.386	0	0	0.027	---	---	16
17	---	---	0.002	0	2.38	0.002	0.227	0	0	0.021	---	---	17
18	---	---	0.002	0.001	2.10	0.002	0.031	0	0	0.011	---	---	18
19	---	---	0.001	0.001	2.08	0.002	0.027	0	0	0.020	---	---	19
20	---	---	0.001	0.001	1.97	0.001	0.229	0	0	0.011	---	---	20
21	---	---	0.001	0.001	1.86	0.001	0.126	0	0	0.009	---	---	21
22	---	---	0.001	0.001	1.97	0.002	0.162	0	0.028	0.013	---	---	22
23	---	---	0.001	0.001	2.02	0.002	0.161	0	0.036	0.013	---	---	23
24	---	---	0.001	0.001	1.92	0.003	0.095	0	0.041	0.011	---	---	24
25	---	---	0.001	0.001	1.98	0.002	0.014	0	0.041	0.021	---	---	25
26	---	0B	0.001	0.926	1.87	0.001	0.011	0	0.030	0.022	---	---	26
27	---	0B	0.001	2.91	1.70	0.002	0.010	0	0.052	0.035A	---	---	27
28	---	0B	0.001	2.39	0.898	0.004	0.010	0	0.050	0.035E	---	---	28
29	---		0.001	2.73	1.61	0.003	0.010	0	0.021	0.035E	---	---	29
30	---		0.003	2.82	1.72	0.002	0.007	0	0.019	0.035E	---	---	30
31	---		0.003		1.69		0.007	0		0.035E		---	31
TOTAL	---	---	0.066	11.793	66.298	1.343	4.529	0.080	0.318	0.691	---	---	TOTAL
MEAN	---	---	0.002	0.393	2.14	0.045	0.146	0.003	0.011	0.022	---	---	MEAN
MAX	---	---	0.010	2.91	2.76	1.23	0.763	0.037	0.052	0.045	---	---	MAX
MIN	---	---	0	0	0.898	0.001	0.001	0	0	0.005	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.347
MAXIMUM DAILY, 2.91 ON APR 27
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 109 35 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	391
FEB	---	AUG	6.91
MAR	5.70	SEP	27.5
APR	1 020	OCT	59.7
MAY	5 730	NOV	---
JUN	116	DEC	---

TOTAL DISCHARGE, 7 360 dam³

DEAD LAKE PROJECT - SOURIS RIVER CHANNEL - STATION NO. 05NB029

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.335E	539.258E	539.836E	539.894E	539.788E	539.373A	539.296E	539.022E	538.795E	538.694E	538.666E	538.683E	1
2	---	---	---	---	---	539.372A	---	---	538.790A	---	538.664A	538.684A	2
3	---	539.254A	---	---	---	---	---	---	---	---	---	---	3
4	---	---	539.845A	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	539.698A	539.370A	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	539.368A	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	538.926A	---	---	---	---	12
13	---	---	539.858A	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	539.354A	---	---	---	---	---	---	14
15	---	539.230E	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	539.356A	---	---	---	538.696A	---	---	16
17	---	---	539.860A	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	539.346A	---	---	---	---	---	---	19
20	---	---	---	---	539.350A	---	---	---	---	---	---	---	20
21	---	---	---	---	539.356A	539.354A	---	---	---	---	---	---	21
22	---	---	---	---	539.363A	---	---	---	---	---	---	---	22
23	---	---	---	---	539.372A	539.362A	---	---	---	---	---	---	23
24	---	539.818A	539.872A	---	539.376A	---	---	---	---	---	---	---	24
25	---	---	539.884A	---	539.376A	---	---	---	---	---	---	---	25
26	---	---	539.877A	---	539.377A	---	---	---	---	---	---	---	26
27	---	---	539.890A	---	539.378A	---	---	---	---	---	---	---	27
28	---	539.833E	539.905A	539.845A	---	---	539.060A	---	538.694A	---	---	---	28
29	---	---	---	---	---	---	---	---	538.694E	---	538.682E	538.686A	29
30	---	---	539.898A	539.805E	539.376A	539.306A	---	---	---	538.668E		538.686E	30
31	539.260E		539.896E		539.378A		539.032E	538.800E					31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 539.905A ON MAR 28
MINIMUM DAILY, 538.664A ON NOV 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DEAD LAKE RESERVOIR NEAR MIDALE - STATION NO. 05NB022

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.424E	539.424E	539.795	539.903	539.842	539.682A	539.580E	539.394	539.281	539.168E	539.136E	539.139E	1
2	---	539.424E	539.809	539.904	539.843	539.677A	539.572E	539.390	539.290A	---	539.136A	539.139A	2
3	---	539.424A	539.841	539.904	539.840	539.672A	539.564E	539.385	---	---	---	---	3
4	---	539.424E	539.841A	539.899	539.836	539.670A	539.556E	539.382	---	---	---	---	4
5	---	539.424E	539.841A	539.896	539.826	539.667A	539.548E	539.390					5
6	---	539.424E	539.845E	539.895	539.809A	539.662A	539.540E	539.384	---	---	---	---	6
7	---	539.424E	539.846E	539.893	539.800E	539.655A	539.532E	539.377	---	---	---	---	7
8	---	539.424E	539.847E	539.891	539.790E	539.649A	539.524E	539.369	---	---	---	---	8
9	---	539.424E	539.847E	539.889	539.780E	539.648A	539.516E	539.361	---	---	---	---	9
10	---	539.424E	539.847E	539.886	539.770E	539.648A	539.510E	539.354	---	---	---	---	10
11	---	539.424E	539.848E	539.883	539.760E	539.646A	539.505E	539.348	---	---	---	---	11
12	---	539.424E	539.848E	539.882	539.750E	539.642A	539.500E	539.337	---	---	---	---	12
13	---	539.424E	539.850A	539.880	539.740E	539.646A	539.495E	539.333	---	---	---	---	13
14	---	539.424E	539.850	539.877	539.730E	539.654A	539.510E	539.329	---	---	---	---	14
15	---	539.450E	539.850	539.875	539.720E	539.650A	539.500E	539.327	---	---	---	---	15
16	---	539.500E	539.851	539.873	539.715E	539.648A	539.490E	539.325	---	539.170A	---	---	16
17	---	539.550E	539.849	539.871	539.710E	539.648A	539.480E	539.321	---	---	---	---	17
18	---	539.600E	539.847	539.867	539.707E	539.641A	539.470E	539.320	---	---	---	---	18
19	---	539.650E	539.848	539.858	539.706E	539.635A	539.460E	539.329	---	---	---	---	19
20	---	539.700E	539.849	539.852	539.705A	539.636A	539.450E	539.322	---	---	---	---	20
21	---	539.750E	539.848	539.853	539.705A	539.635A	539.465E	539.318	---	---	---	---	21
22	---	539.770E	539.847	539.852	539.705A	539.631E	539.455E	539.317	---	---	---	---	22
23	---	539.780E	539.849	539.851	539.705A	539.625E	539.445E	539.313	---	---	---	---	23
24	---	539.788A	539.850A	539.848	539.706A	539.620E	539.435E	539.314	---	---	---	---	24
25	---	539.785	539.854A	539.846	539.706A	539.615E	539.426E	539.313	---	---	---	---	25
26	---	539.788	539.854A	539.847	539.703A	539.610E	539.418E	539.309	---	---	---	---	26
27	---	539.792	539.857A	539.848	539.701A	539.605E	539.410E	539.303	---	---	---	---	27
28	---	539.793	539.868E	539.847	539.697A	539.599E	539.404A	539.295	---	---	---	---	28
29	---		539.873E	539.850	539.694A	539.594E	539.402	539.290	539.168A	---	---	---	29
30	---		539.876A	539.844	539.689A	539.588A	539.401	539.286	539.168E	---	539.139E	539.128A	30
31	539.424E		539.895		539.686A		539.399	539.284		539.136E		539.128E	31
MEAN	---	539.558	539.849	539.872	539.744	539.640	539.483	539.336	---	---	---	---	MEAN
MAX	---	539.793	539.895	539.904	539.843	539.682	539.580	539.394	---	---	---	---	MAX
MIN	---	539.424	539.795	539.844	539.686	539.588	539.399	539.284	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 539.904 ON APR 2
MINIMUM DAILY, 539.128A ON DEC 30
MAXIMUM INSTANTANEOUS,
539.980 AT 13:20 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

DELLWOOD RESERVOIR AT PUMP STATION - STATION NO. 05JJ008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	528.740E	528.681E	528.614	528.616	528.538	528.338	529.017	529.136	528.991E	528.852	528.822E	528.756E	1
2	528.741	528.679	528.613E	528.617E	528.535E	528.326E	529.054	529.138E	528.992	528.859	528.812	528.753	2
3	528.738E	528.684E	528.612	528.617	528.532E	528.313	529.071	529.139E	528.977E	528.855E	528.815	528.751	3
4	528.734E	528.689	528.610E	528.620E	528.529	528.317E	529.097E	529.140	528.963	528.851E	528.810	528.748E	4
5	528.731	528.679E	528.609E	528.624E	528.517E	528.320	529.124	529.143	528.960E	528.847	528.809E	528.746E	5
6	528.732E	528.668	528.607	528.627	528.505	528.311E	529.127	529.145E	528.958E	528.841E	528.808	528.743E	6
7	528.733	528.664E	528.604E	528.621E	528.511E	528.303E	529.142	529.147	528.956E	528.834	528.805E	528.740	7
8	528.732E	528.660	528.602E	528.614	528.516	528.294	529.159	529.141E	528.953	528.837E	528.803E	528.735E	8
9	528.730	528.658E	528.599	528.614E	528.506E	528.288E	529.162	529.136E	528.949	528.839	528.800	528.729	9
10	528.725E	528.656E	528.599E	528.613	528.495E	528.281	529.166	529.130	528.941E	528.844E	528.796	528.731E	10
11	528.720	528.654	528.598	528.612E	528.485	528.300E	529.158E	529.121E	528.933	528.850E	528.796E	528.733	11
12	528.718E	528.651E	528.606	528.610E	528.480E	528.319	529.150E	529.111	528.928E	528.855E	528.795	528.729E	12
13	528.716E	528.647	528.608E	528.609	528.474	528.377E	529.143	529.102E	528.923E	528.860	528.794	528.725E	13
14	528.714	528.645E	528.610E	528.607E	528.466E	528.435	529.161E	529.093	528.917	528.855	528.792E	528.721	14
15	528.714E	528.644E	528.612E	528.604	528.458E	528.487	529.179	529.085E	528.907E	528.853	528.791E	528.718E	15
16	528.713	528.642	528.614	528.603	528.450E	528.517E	529.181	529.078E	528.896	528.852E	528.789	528.715	16
17	528.711E	528.639E	528.614E	528.599E	528.442E	528.547	529.181E	529.070	528.891E	528.850E	528.785E	528.712E	17
18	528.708E	528.636	528.614	528.595E	528.434E	528.579	529.181E	529.072E	528.886	528.849E	528.780	528.709	18
19	528.706	528.634E	528.613E	528.592E	528.426E	528.609	529.181E	529.075	528.880E	528.847	528.777E	528.711E	19
20	528.704E	528.631	528.611	528.588E	528.418	528.646E	529.181	529.070E	528.874E	528.857	528.774	528.713E	20
21	528.701	528.631E	528.609E	528.584	528.419E	528.683E	529.175E	529.065	528.867	528.857	528.773E	528.715	21
22	528.698E	528.630E	528.606E	528.576	528.419	528.720	529.168	529.059E	528.867E	528.845E	528.771E	528.714E	22
23	528.694	528.630	528.604	528.572E	528.403E	528.773	529.169E	529.053E	528.866	528.833	528.770	528.712	23
24	528.692E	528.626	528.604E	528.568	528.386E	528.819	529.169	529.047	528.858E	528.833E	528.768E	528.709E	24
25	528.691E	528.625	528.604	528.563E	528.370	528.831	529.163E	529.042E	528.850	528.833	528.766	528.707E	25
26	528.689	528.622E	528.603E	528.559E	528.369E	528.856	529.156E	529.038	528.862E	528.831E	528.765E	528.704	26
27	528.688E	528.619	528.601	528.554	528.367	528.884	529.149	529.027E	528.874E	528.828E	528.763	528.701E	27
28	528.687	528.617E	528.606E	528.553E	528.366E	528.918	529.140	529.016	528.886	528.826	528.762E	528.698	28
29	528.686E		528.610E	528.552	528.364	528.957	529.143E	529.007E	528.878E	528.829E	528.760E	528.696E	29
30	528.684		528.615	528.545E	528.355E	528.986	529.146E	528.999E	528.870	528.831	528.759	528.693	30
31	528.682E		528.616E		528.347E		529.148	528.991		528.831		528.693	31
MEAN	528.711	528.648	528.608	528.594	528.448	528.544	529.146	529.084	528.912	528.844	528.787	528.721	MEAN
MAX	528.741	528.689	528.616	528.627	528.538	528.986	529.181	529.147	528.992	528.860	528.822	528.756	MAX
MIN	528.682	528.617	528.598	528.545	528.347	528.281	529.017	528.991	528.850	528.826	528.759	528.693	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 528.755
MAXIMUM DAILY, 529.181 ON JUL 16
MINIMUM DAILY, 528.281 ON JUN 10

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 31 N
LONG 105 19 28 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DENNIEL CREEK NEAR VAL MARIE - STATION NO. 11AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.084B	0.008	0.002	0	0	0	0	0	---	---	1
2	---	0 B	0.062	0.008	0.001	0.003	0	0	0	0	---	---	2
3	---	0 B	0.046	0.007	0.001	0.008	0	0	0	0	---	---	3
4	---	0 B	0.033	0.007	0	0.010	0	0	0	0	---	---	4
5	---	0 B	0.026	0.007	0	0.007	0	0	0	0	---	---	5
6	---	0 B	0.019	0.006	0	0.005	0	0	0	0	---	---	6
7	---	0 B	0.016	0.005	0.001	0.004	0	0	0	0	---	---	7
8	---	0 B	0.013	0.006	0.004	0.003	0	0	0	0	---	---	8
9	---	0 B	0.010	0.005	0.004	0.002	0	0	0	0	---	---	9
10	---	0 B	0.009	0.004	0.003	0.002	0	0	0	0	---	---	10
11	---	0 B	0.008	0.003	0.003	0.001	0	0	0	0	---	---	11
12	---	0 B	0.008	0.006	0.002	0.001	0	0	0	0	---	---	12
13	---	0 B	0.008	0.005	0.002	0.002	0	0	0	0	---	---	13
14	---	0 B	0.008	0.005	0.001	0.008	0	0	0	0	---	---	14
15	---	0 B	0.007	0.005	0.002	0.011	0	0	0	0	---	---	15
16	---	0 B	0.007	0.003	0.006	0.009	0	0	0	0	---	---	16
17	---	0 B	0.007	0.003	0.007	0.007	0	0	0	0	---	---	17
18	---	0 B	0.006	0.002	0.006	0.006	0	0	0	0	---	---	18
19	---	0.005B	0.006	0.001	0.004	0.004	0	0	0	0	---	---	19
20	---	0.011B	0.006	0	0.001	0.003	0	0	0	0	---	---	20
21	---	0.864B	0.006	0.001	0	0.001	0	0	0	0	---	---	21
22	---	1.44 B	0.006	0.002	0	0	0	0	0	0	---	---	22
23	---	1.04 B	0.006	0.003	0	0	0	0	0	0	---	---	23
24	---	0.513B	0.006	0.004	0	0	0	0	0	0	---	---	24
25	---	0.351B	0.006	0.004	0	0	0	0	0	0	---	---	25
26	---	0.294B	0.005	0.003	0	0	0	0	0	0	---	---	26
27	---	0.209B	0.006	0.003	0	0	0	0	0	0	---	---	27
28	---	0.120B	0.005	0.003	0	0.002	0	0	0	0	---	---	28
29	---		0.005	0.002	0	0.004	0	0	0	0	---	---	29
30	---		0.007	0.002	0	0.002	0	0	0	0	---	---	30
31	---		0.008		0		0	0		0		---	31
TOTAL	---	5.247	0.455	0.123	0.050	0.105	0	0	0	0	---	---	TOTAL
MEAN	---	0.187	0.015	0.004	0.002	0.004	0	0	0	0	---	---	MEAN
MAX	---	1.44	0.084	0.008	0.007	0.011	0	0	0	0	---	---	MAX
MIN	---	0	0.005	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.084B ON MAR 1
MINIMUM DAILY, 0 ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 26 N
LONG 107 42 12 W
DRAINAGE AREA, 494 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	453	AUG	0
MAR	39.3	SEP	0
APR	10.6	OCT	0
MAY	4.32	NOV	---
JUN	9.07	DEC	---

TOTAL DISCHARGE, 63.3 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

DESCHARME RIVER BELOW DUPRE LAKE - STATION NO. 07CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20E	8.05E	8.17	8.96	13.9	8.78	8.40	9.24	7.35	7.20	9.45	8.37	1
2	8.20E	8.04E	8.19A	9.12	15.0	8.62	8.26	9.39	7.43	7.34	9.43	8.81	2
3	8.20E	8.02E	8.15	9.39	15.2	8.95	8.15	9.49	7.32	7.34	9.41	9.08	3
4	8.20E	8.01E	8.26	9.60	15.3	8.51	8.13	9.56	7.26	7.34	9.66	8.94	4
5	8.20E	8.00E	8.30	9.67	14.9	8.34	8.00	9.41	7.28	7.36	8.93	8.81	5
6	8.20E	7.96E	8.36	10.0	14.6	8.19	7.97	9.47	7.31	7.40	9.14	8.65	6
7	8.20E	7.93E	8.38	9.98	14.5 A	8.37	8.06	9.54	7.27	7.42	9.26	8.50	7
8	8.20E	7.92E	8.35	9.85	14.4	8.60	8.72	9.37	7.27	7.48	7.92	8.22	8
9	8.20E	7.91E	8.36	9.86	14.1	8.66	8.77	9.02	7.29	7.60	7.69	8.03	9
10	8.20E	7.90E	8.38	10.0	14.0	8.79	8.96	9.03	7.37	7.83	8.06	7.93	10
11	8.20E	7.88E	8.46	10.3	13.6	8.85	9.10	8.99	7.32	7.94	8.43	8.17	11
12	8.20E	7.86E	8.26	9.37	13.4	9.02	9.36	8.69	7.30	7.96	9.16	8.12	12
13	8.20E	7.84E	8.28	9.05	13.1	9.15	9.55	8.39	7.29	8.04	9.62	8.04	13
14	8.20E	7.82E	8.35	9.69	12.7	9.07	9.77	8.18	7.26	8.13	9.36	7.97	14
15	8.20E	7.80E	8.34	10.0	12.6	9.06	9.91	8.08	7.21	8.19	9.46	7.87	15
16	8.20E	7.79A	8.43	10.0	12.1	8.90	10.0	7.96	7.15	8.31	8.50	7.87	16
17	8.20E	7.66	8.46	9.87	11.7	8.79	10.1	7.86	7.19	8.41	7.53	7.94	17
18	8.20E	7.50	8.42	9.48	11.9	8.69	10.1	7.86	7.22	8.40	7.20	8.01	18
19	8.20E	7.40	8.53	9.40	12.0	8.77	10.1	7.82	7.16	8.64	7.16	8.05	19
20	8.20E	7.46	8.49	9.97	11.7	8.79	9.97	7.88	7.16	8.66	7.47	8.13	20
21	8.19E	7.54	8.50	11.2	11.5	8.74	9.86	8.13	7.18	8.70	8.16	8.17	21
22	8.18E	7.60	8.49	12.7	11.3	8.67	9.86	7.91	7.19	8.44	9.13	8.32	22
23	8.17E	7.76	8.39	12.9 A	10.9	8.66	9.88	7.86	7.39	8.45	9.79	8.28	23
24	8.16E	7.88	8.30	12.5	10.4	8.66	9.80	7.79	7.18	8.37	9.92	8.09	24
25	8.14E	8.08	8.31	12.2	10.1	8.69	9.67	7.91	7.17	7.84	9.43	8.01	25
26	8.13E	8.19	8.36	12.1	9.87	8.70	9.51	7.88	7.18	7.22	8.49	8.09	26
27	8.12E	8.24	8.37	12.4	9.61	8.63	9.54	7.81	7.18	7.32	7.33	7.90	27
28	8.10E	8.30	8.43	13.2	9.41	8.52	9.54	7.92	7.13	7.84	6.86	7.79	28
29	8.09E		8.53	13.4	9.50	8.37	9.52	7.70	7.18	8.58	7.20	7.79	29
30	8.08E		8.58	13.1	9.29	8.36	9.42	7.61	7.20	9.12	7.89	7.72	30
31	8.06E		8.75		9.12		9.26	7.43		9.45		7.65	31
TOTAL	253.42	220.34	259.93	319.26	381.70	260.90	287.24	261.10	217.39	247.92	257.04	253.32	TOTAL
MEAN	8.17	7.87	8.38	10.6	12.3	8.70	9.27	8.42	7.25	8.00	8.57	8.17	MEAN
MAX	8.20	8.30	8.75	13.4	15.3	9.15	10.1	9.56	7.43	9.45	9.92	9.08	MAX
MIN	8.06	7.40	8.15	8.96	9.12	8.19	7.97	7.43	7.13	7.20	6.86	7.65	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.82
MAXIMUM DAILY, 15.3 ON MAY 4
MINIMUM DAILY, 6.86 ON NOV 28
MAXIMUM INSTANTANEOUS,
15.7 AT 03:22 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 23 N
LONG 109 13 38 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 900	JUL	24 800
FEB	19 000	AUG	22 600
MAR	22 500	SEP	18 800
APR	27 600	OCT	21 400
MAY	33 000	NOV	22 200
JUN	22 500	DEC	21 900

TOTAL DISCHARGE, 278 000 dam³

DILLON RIVER AT OUTLET OF DILLON LAKE - STATION NO. 06BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.94B	1.15 B	1.05 B	2.66	9.88	5.29	6.12	11.1	4.62A	2.21	3.87	4.40E	1
2	1.88B	1.09 B	1.06 B	2.75	10.2	5.12	6.08	10.9	4.82A	2.42	3.86	4.30E	2
3	1.70B	1.06 B	1.03 B	2.93	10.3	5.19	5.90	10.5	4.21A	2.54	3.79	4.20E	3
4	1.62B	1.19 B	1.01 B	3.21	10.5	5.40	6.04	10.3	4.09	2.61	4.19	4.05E	4
5	1.66B	1.08 B	0.972B	3.33	10.6	5.57	5.30	10.1	4.24	2.57	3.96	3.90E	5
6	1.50B	1.16 B	1.01 B	4.06	10.6	4.92	5.46	10.0	4.36	2.87	4.00	3.75E	6
7	1.51B	0.988B	1.08 B	4.32	10.6	5.53	5.52	9.89	4.37	1.32A	4.06	3.66A	7
8	1.50B	0.990B	1.11 B	4.18	10.4	5.68	7.73	9.48	4.66	1.60E	3.94	3.52	8
9	1.43B	0.959B	1.13 B	4.16	10.1	5.52	6.72	9.14	4.45A	2.01E	4.07	3.3E	9
10	1.42B	0.953B	1.16 B	4.37	9.84	5.57	6.55	8.88	4.84	2.42E	4.04	3.23B	10
11	1.43B	0.945B	1.22 B	4.81	9.60	5.54	6.76	8.65	4.99A	2.91A	3.97	3.10B	11
12	1.47B	0.950B	1.14 B	5.16	9.56	5.51	7.16	8.11	4.45A	3.02	4.08	2.93B	12
13	1.44B	0.979B	1.12 B	5.28	9.20	5.49	7.58	7.82	4.14	3.01	4.07A	2.88B	13
14	1.37B	0.978B	1.18 B	5.15	8.94	5.62	8.46	7.13	3.94	3.03	4.08E	2.83B	14
15	1.31B	1.01 B	1.13 B	5.25	8.01	5.83	9.29	7.05	3.57	3.13	4.10E	2.61B	15
16	1.30B	1.06 B	1.12 B	5.52	7.81	5.79	10.0	6.96	3.33	3.72	4.12E	2.55B	16
17	1.28B	1.11 B	1.18 B	5.76	7.48	6.03	10.5	6.54	3.58	3.86	4.14E	2.57B	17
18	1.26B	1.09 B	1.27 B	5.82	7.30	5.67	10.8	6.63	3.43	3.21	4.16E	2.51B	18
19	1.23B	1.06 B	1.22 B	5.67	7.25	5.81	10.8	6.31	2.71	3.97	4.18E	2.44B	19
20	1.23B	1.14 B	1.27	5.71	7.41	5.37	10.8	6.06	2.90	3.64	4.20E	2.46B	20
21	1.19B	1.15 B	1.30	6.05	7.33	5.47	10.8	6.24	3.26	3.78	4.21E	2.45B	21
22	1.16B	1.12 B	1.39	6.29	6.79	5.85	10.8	6.03	3.34	3.50	4.22E	2.32B	22
23	1.12B	1.12 B	1.42	6.48	6.68	6.11	10.8	5.84	3.50	3.52	4.22E	2.11B	23
24	1.18B	1.08 B	1.48	6.52	6.46	6.33	11.5	5.43	3.01	2.81	4.23E	2.11B	24
25	1.15B	1.06 B	1.53	7.24	6.15	6.13	12.1	4.99	2.85	2.94	4.24E	2.05B	25
26	1.13B	1.04 B	1.66	7.84	6.13	6.41	11.9	4.96	3.04	3.45	4.25E	2.00B	26
27	1.15B	1.05 B	1.76	8.26	6.23	6.26	11.9	4.77	2.61	3.50	4.30E	1.89B	27
28	1.05B	1.08 B	1.90	8.54	6.13	6.10	12.0	5.01	2.17	3.58	4.35E	1.82B	28
29	1.09B		2.14	9.20	5.91	5.88	11.9	5.08	2.21	3.79	4.40E	1.72B	29
30	1.15B		2.31	9.58	5.49	6.15	11.6	5.15	2.18	3.77	4.43E	1.74B	30
31	1.15B		2.44		5.23		11.4	5.21		3.76		1.79B	31
TOTAL	41.96	29.63B	41.792	166.10	254.11	171.14	280.27	230.26	109.87	93.67	123.73	87.27	TOTAL
MEAN	1.35	1.06	1.35	5.54	8.20	5.70	9.04	7.43	3.66	3.02	4.12	2.82	MEAN
MAX	1.94	1.19	2.44	9.58	10.6	6.41	12.1	11.1	4.99	3.97	4.43	4.40	MAX
MIN	1.05	0.945	0.972	2.66	5.23	4.92	5.30	4.77	2.17	1.32	3.79	1.72	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.47
MAXIMUM DAILY, 12.1 ON JUL 25
MINIMUM DAILY, 0.945B ON FEB 11
MAXIMUM INSTANTANEOUS,
12.8 AT 16:12 CST ON JUL 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 30 N
LONG 109 24 40 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 630	JUL	24 200
FEB	2 560	AUG	19 900
MAR	3 610	SEP	9 490
APR	14 400	OCT	8 090
MAY	22 000	NOV	10 700
JUN	14 800	DEC	7 540

TOTAL DISCHARGE, 141 000 dam³

DOGHIDE RIVER NEAR RUNCIMAN - STATION NO. 05KB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.76 B	0.032	0.002	0	0.003	0	0	---	---	1
2	---	---	0 B	1.68 B	0.024	0.001	0	0.003	0	0	---	---	2
3	---	---	0 B	1.32 B	0.021	0	0	0.003	0	0	---	---	3
4	---	---	0 B	0.918B	0.018	0	0	0.002	0	0	---	---	4
5	---	---	0 B	0.786B	0.016	0	0	0.002	0	0	---	---	5
6	---	---	0 B	0.607B	0.011	0	0	0.001	0	0	---	---	6
7	---	---	0 B	0.518B	0.008	0	0	0	0	0	---	---	7
8	---	---	0 B	0.557B	0.007	0.001	0	0	0	0	---	---	8
9	---	---	0 B	0.532B	0.007	0.003	0	0	0	0	---	---	9
10	---	---	0 B	0.333B	0.010	0	0	0	0	0	---	---	10
11	---	---	0 B	0.281	0.009	0	0	0	0	0	---	---	11
12	---	---	0 B	0.263	0.009	0	0	0	0	0	---	---	12
13	---	---	0 B	0.277	0.007	0	0	0	0	0	---	---	13
14	---	---	0 B	0.248	0.006	0	0	0	0	0	---	---	14
15	---	---	0.100B	0.240	0.006	0	0.025	0	0	0	---	---	15
16	---	---	0.250B	0.244	0.006	0	0.046	0	0	0	---	---	16
17	---	---	0.400B	0.279	0.006	0	0.030	0	0	0	---	---	17
18	---	---	0.727B	0.255	0.004	0	0.025	0	0	0	---	---	18
19	---	---	0.861B	0.198	0.004	0	0.024	0	0	0	---	---	19
20	---	---	0.655B	0.151	0.004	0	0.023	0	0	0	---	---	20
21	---	---	0.572B	0.112	0.003	0.004	0.022	0	0	0	---	---	21
22	---	---	0.403B	0.065	0.004	0.006	0.020	0	0	0	---	---	22
23	---	---	0.248B	0.054	0.004	0.002	0.018	0	0	0.015B	---	---	23
24	---	---	0.205B	0.043	0.003	0.001	0.016	0	0	0.073B	---	---	24
25	---	---	0.230B	0.040	0.004	0.002	0.014	0	0	0.069B	---	---	25
26	---	---	0.270B	0.048	0.004	0	0.011	0	0	0.065B	---	---	26
27	---	---	0.372B	0.046	0.004	0	0.009	0	0	0.059B	---	---	27
28	---	---	0.681B	0.041	0.003	0	0.007	0	0	0.057B	---	---	28
29	---		0.947B	0.047	0.003	0	0.005	0	0	0.059B	---	---	29
30	---		1.01 B	0.041	0.004	0	0.004	0	0	0.064B	---	---	30
31	---		1.34 B		0.003		0.003	0		0.064B		---	31
TOTAL	---	---	9.271	11.976	0.254	0.022	0.302	0.014	0	0.525	---	---	TOTAL
MEAN	---	---	0.299	0.399	0.008	0.001	0.010	0	0	0.017	---	---	MEAN
MAX	---	---	1.34	1.76	0.032	0.006	0.046	0.003	0	0.073	---	---	MAX
MIN	---	---	0	0.040	0.003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.091
MAXIMUM DAILY, 1.76B ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.70B AT 18:26 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 15 N
LONG 104 04 55 W
DRAINAGE AREA, 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26.1
FEB	---	AUG	1.21
MAR	801	SEP	0
APR	1 030	OCT	45.4
MAY	21.9	NOV	---
JUN	1.90	DEC	---

TOTAL DISCHARGE, 1 930 dam³

DORE RIVER NEAR THE MOUTH - STATION NO. 06AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.99B	1.67 B	1.77B	4.17B	9.24	7.37	2.96	2.27	1.15	1.02	0.933	1.17 B	1
2	1.98B	1.66 B	1.80B	4.06B	9.24	7.06	3.19	2.26	1.15	0.971	0.920	1.01 B	2
3	1.97B	1.50 B	1.69B	3.79B	9.12	6.83	3.08	2.34	1.09	0.948	0.983	1.00 B	3
4	1.96B	1.44 B	1.68B	3.86B	9.00	6.73	2.79	2.26	1.02	0.925	0.955	1.05 B	4
5	1.95B	1.40 B	1.68B	4.01B	8.95	6.62	2.61	2.12	0.994	0.896	0.972	1.02 B	5
6	1.94B	1.42 B	1.77B	5.72B	8.96	6.51	2.50	1.98	0.934	0.901	0.887	0.884B	6
7	1.93B	1.54 B	1.83B	6.11B	9.00	6.63	2.50	1.86	0.937	0.896	0.886	0.802B	7
8	1.92B	1.57 B	1.93B	6.08B	8.90	6.28	2.74	1.73	0.940	0.919	0.989B	0.826B	8
9	1.91B	1.51 B	2.01B	6.33B	8.82	6.00	2.71	1.61	0.939	1.06	0.902B	0.888B	9
10	1.90B	1.50 B	2.13B	6.67B	8.70	5.94	2.40	1.59	0.946	1.17	0.948B	0.859B	10
11	1.89B	1.38 B	2.26B	6.87B	8.60	5.66	2.39	1.52	0.969	1.15	0.902B	0.832B	11
12	1.87B	1.22 B	2.32B	6.25B	8.49	5.48	2.42	1.45	0.954	1.05	0.942B	0.798B	12
13	1.86B	1.11 B	2.19B	5.21B	8.43	5.18	2.37	1.41	0.931	1.02	0.897B	0.726B	13
14	1.84B	1.02 B	2.02B	5.85B	8.30	4.96	2.28	1.40	0.895	1.01	0.957B	0.695B	14
15	1.83B	0.982B	1.91B	5.87B	8.52	4.61	2.53	1.36	0.877	1.01	0.853B	0.734B	15
16	1.82B	1.07 B	1.98B	6.37	8.46	4.51	2.61	1.34	0.879	0.984	0.931B	0.810B	16
17	1.81B	1.23 B	1.95B	6.42	8.15	5.61	2.54	1.39	0.894	0.977	0.970B	0.871B	17
18	1.80B	1.41 B	1.79B	6.32	8.01	6.78	2.34	1.42	0.959	0.948	1.03 B	0.907B	18
19	1.79B	1.51 B	1.88B	6.60	7.80	6.23	2.21	1.38	0.923	0.934	0.984B	0.983B	19
20	1.78B	1.44 B	1.62B	7.10	7.89	5.82	2.06	1.31	0.899	0.938	1.01 B	1.01 B	20
21	1.77B	1.58 B	1.44B	7.22	7.99	5.53	2.05	1.30	0.960	0.952	0.799B	1.08 B	21
22	1.76B	1.33 B	1.85B	7.39	7.95	5.43	2.04	1.28	1.01	0.927	0.806B	1.05 B	22
23	1.75B	1.26 B	1.90B	7.91	7.88	5.32	2.31	1.25	1.01	0.893B	1.09 B	0.869B	23
24	1.74B	1.57 B	2.06B	8.32	7.58	5.30	2.80	1.22	1.01	0.897B	0.964B	0.776B	24
25	1.73B	1.63 B	2.18B	8.30	7.56	4.84	2.85	1.22	0.989	0.902B	0.910B	0.713B	25
26	1.72B	1.58 B	2.46B	8.23	7.46	4.44	2.62	1.21	0.994	0.904B	1.02 B	0.687B	26
27	1.71B	1.58 B	2.65B	8.18	7.59	4.06	2.35	1.18	0.998	0.904B	1.16 B	0.674B	27
28	1.70B	1.59 B	3.05B	8.13	7.79	3.73	2.24	1.17	0.996	0.907B	1.31 B	0.645B	28
29	1.69B		3.80B	8.72	7.91	3.45	2.23	1.17	0.994	0.904	1.24 B	0.657B	29
30	1.68B		4.64B	9.19	7.75	3.14	2.27	1.19	1.01	0.907	1.30 B	0.675B	30
31	1.67B		4.65B		7.46		2.27	1.14		0.921		0.651B	31
TOTAL	56.66	39.702	68.84	195.25	257.42	166.05	77.26	47.33	29.251	29.745	29.450	26.352	TOTAL
MEAN	1.83	1.42	2.22	6.51	8.30	5.54	2.49	1.53	0.975	0.960	0.982	0.850	MEAN
MAX	1.99	1.67	4.65	9.19	9.24	7.37	3.19	2.34	1.15	1.17	1.31	1.17	MAX
MIN	1.67	0.982	1.44	3.79	7.46	3.14	2.04	1.14	0.877	0.893	0.799	0.645	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.80
MAXIMUM DAILY, 9.24 ON MAY 1
MINIMUM DAILY, 0.645B ON DEC 28
MAXIMUM INSTANTANEOUS,
9.30 AT 16:28 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 107 44 20 W
DRAINAGE AREA, 2 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 900	JUL	6 680
FEB	3 430	AUG	4 090
MAR	5 950	SEP	2 530
APR	16 900	OCT	2 570
MAY	22 200	NOV	2 540
JUN	14 300	DEC	2 280

TOTAL DISCHARGE, 88 400 dam³

NE

DOUGLAS RIVER NEAR CLUFF LAKE - STATION NO. 07NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00B	4.45B	5.00B	5.45B	20.5E	12.5E	10.7 E	10.0 E	7.19	6.27	7.65	5.84	1
2	4.00B	4.45B	5.00B	5.45B	21.5E	12.2E	10.5 E	10.0 E	7.13	6.27	7.58	5.79	2
3	4.00B	4.45B	5.00B	5.50B	22.5E	12.0E	10.3 E	10.0 E	7.14	6.37	7.42	5.88	3
4	4.00B	4.45B	5.00B	5.55B	22.8E	12.1E	10.1 E	10.0 E	7.12	6.40	7.43	5.81	4
5	4.00B	4.45B	5.00B	5.60B	23.0E	12.3E	10.0 E	10.0 E	7.12	6.44	7.15	5.66	5
6	4.05B	4.45B	5.00B	5.65B	23.0E	12.4E	9.98E	9.85E	7.11	6.48	7.15	5.52B	6
7	4.05B	4.45B	5.00B	5.70B	22.9E	12.6E	9.98E	9.70E	7.11	6.47	7.07	5.48B	7
8	4.10B	4.45B	5.00B	5.75B	22.6E	12.4E	10.0 E	9.53A	7.10	6.47	6.44	5.43B	8
9	4.15B	4.30B	5.00B	5.80B	22.3E	12.2E	10.2 E	9.31	7.08	6.71	6.34	5.29B	9
10	4.25B	4.20B	5.00B	5.80B	22.0E	12.0E	10.4 E	8.99	7.00	6.92	6.49	5.22B	10
11	4.30B	4.10B	5.00B	5.80B	21.5E	11.8E	10.7 E	8.66	6.91	7.18	6.38	5.20B	11
12	4.35B	4.00B	5.00B	5.79B	21.0E	11.7E	10.9 E	8.42	6.84	7.27	6.55	5.23B	12
13	4.40B	3.95B	5.10B	5.68B	20.5E	11.6E	11.0 E	8.33	6.88	7.44	6.80	5.20B	13
14	4.40B	3.90B	5.20B	5.50B	20.0E	11.5E	10.9 E	8.26	6.84	7.58	6.65	5.12B	14
15	4.40B	3.90B	5.25B	5.44B	19.5E	11.5E	10.8 E	8.13	6.82	7.64	6.45	5.05B	15
16	4.40B	3.95B	5.25B	5.41B	19.0E	11.6E	10.7 E	8.10	6.67	7.66	6.15	5.06B	16
17	4.40B	4.00B	5.30B	5.39B	18.5E	11.7E	10.6 E	8.01	6.75	7.68	6.05	5.08B	17
18	4.40B	4.10B	5.35B	5.29B	17.8E	11.7E	10.5 E	7.87	6.72	7.73	6.07	5.08B	18
19	4.40B	4.20B	5.40B	5.17B	17.2E	11.6E	10.4 E	7.76	6.63	7.92	6.17	5.02B	19
20	4.45B	4.30B	5.40B	5.09B	16.8E	11.5E	10.3 E	7.60	6.50	7.93	6.23	4.96B	20
21	4.50B	4.40B	5.30B	5.37B	16.3E	11.4E	10.2 E	7.60	6.53	7.92	6.32	4.90B	21
22	4.55B	4.45B	5.20B	5.77B	15.8E	11.3E	10.1 E	7.50	6.52	7.34	6.32	4.91B	22
23	4.55B	4.55B	5.15B	6.40	15.4E	11.3E	10.0 E	7.40	6.48	7.24	6.32	4.71B	23
24	4.55B	4.65B	5.15B	7.38	15.0E	11.2E	10.1 E	7.39	6.47	7.27	6.08	4.64B	24
25	4.55B	4.70B	5.20B	9.00	14.6E	11.2E	10.2 E	7.32	6.40	6.95	5.94	4.56B	25
26	4.55B	4.80B	5.20B	10.6	14.2E	11.1E	10.3 E	7.32	6.44	6.58	5.77	4.60B	26
27	4.55B	4.85B	5.25B	13.0 E	13.8E	11.1E	10.4 E	7.24	6.42	6.21	5.64	4.50B	27
28	4.55B	4.95B	5.35B	14.8 E	13.4E	11.0E	10.4 E	7.26	6.25	6.67	5.60	4.52B	28
29	4.50B		5.40B	16.2 E	13.1E	11.0E	10.3 E	7.19	6.13	7.07	5.71	4.55B	29
30	4.45B		5.45B	19.0 E	12.9E	10.9E	10.2 E	7.25	6.18	7.43	5.93	4.52B	30
31	4.45B		5.45B		12.7E		10.1 E	7.20		7.50		4.55B	31
TOTAL	134.25	121.85	160.35	218.33	572.1	350.4	321.26	259.19	202.48	218.97	193.85	157.88	TOTAL
MEAN	4.33	4.35	5.17	7.28	18.5	11.7	10.4	8.36	6.75	7.06	6.46	5.09	MEAN
MAX	4.55	4.95	5.45	19.0	23.0	12.6	11.0	10.0	7.19	7.93	7.65	5.88	MAX
MIN	4.00	3.90	5.00	5.09	12.7	10.9	9.98	7.19	6.13	6.21	5.60	4.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.98
MAXIMUM DAILY, 23.0E ON MAY 5
MINIMUM DAILY, 3.90B ON FEB 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 20 N
LONG 109 47 10 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 600	JUL	27 800
FEB	10 500	AUG	22 400
MAR	13 900	SEP	17 500
APR	18 900	OCT	18 900
MAY	49 400	NOV	16 700
JUN	30 300	DEC	13 600

TOTAL DISCHARGE, 252 000 dam³

DOWNIE LAKE INFLOW CANAL - STATION NO. 05HA070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.007B	0.506	0.009	0	0	0	0	0	0	---	1
2	---	0 B	0.007B	0.328	0.007	0	0	0	0	0	0	---	2
3	---	0 B	0.009B	0.197	0.006	0	0	0	0	0	0	---	3
4	---	0 B	0.011B	0.122	0.005	0	0	0	0	0	---	---	4
5	---	0 B	0.013B	0.071	0.003	0	0	0	0	0	---	---	5
6	---	0 B	0.017B	0.065	0.004	0	0	0	0	0	---	---	6
7	---	0 B	0.030B	0.034	0.003	0	0	0	0	0	---	---	7
8	---	0 B	0.049B	0.028	0.006	0	0	0	0	0	---	---	8
9	---	0 B	0.048B	0.032	0.027	0	0	0	0	0	---	---	9
10	---	0 B	0.044B	0.018	0.057	0	0	0	0	0	---	---	10
11	---	0 B	0.033B	0.016	0.046	0	0	0	0	0	---	---	11
12	---	0 B	0.037B	0.015	0.029	0	0	0	0	0	---	---	12
13	---	0.010B	0.051B	0.013	0.022	0	0	0	0	0	---	---	13
14	---	0.100B	0.063B	0.014	0.017	4.73	0	0	0	0	---	---	14
15	---	0.500B	0.073B	0.013	0.016	4.84	0	0	0	0	---	---	15
16	---	1.00 B	0.070B	0.013	0.017	1.58	0	0	0	0	---	---	16
17	---	1.50 B	0.083B	0.012	0.586	0.883	0	0	0	0	---	---	17
18	---	1.33 B	0.136B	0.012	0.520	0.604	0	0	0	0	---	---	18
19	---	0.470B	0.123B	0.011	0.338	0.440	0	0	0	0	---	---	19
20	---	0.247B	0.071B	0.012	0.236	0.303	0	0	0	0	---	---	20
21	---	0.024B	0.066B	0.011	0.165	0.177	0	0	0	0	---	---	21
22	---	0.049B	0.033B	0.012	0.111	0.075	0	0	0	0	---	---	22
23	---	0.040B	0.024B	0.013	0.067	0.021	0	0	0	0	---	---	23
24	---	0.080B	0.036	0.016	0.026	0.013	0	0	0	0	---	---	24
25	---	0.096B	0.050	0.016	0.017	0.006	0	0	0	0	---	---	25
26	---	0.017B	0.065	0.015	0.013	0.001	0	0	0	0	---	---	26
27	---	0.012B	0.093	0.013	0.010	0	0	0	0	0	---	---	27
28	---	0.012B	0.099	0.013	0.006	0	0	0	0	0	---	---	28
29	---		0.104	0.011	0.004	0	0	0	0	0	---	---	29
30	---		0.120	0.009	0.002	0	0	0	0	0		---	30
31	---		0.512		0.001		0	0		0		---	31
TOTAL	---	5.487	2.177	1.661	2.372	13.673	0	0	0	0	---	---	TOTAL
MEAN	---	0.196	0.070	0.055	0.077	0.456	0	0	0	0	---	---	MEAN
MAX	---	1.50	0.512	0.506	0.586	4.84	0	0	0	0	---	---	MAX
MIN	---	0	0.007	0.009	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 4.84 ON JUN 15
MINIMUM DAILY, 0 ON JUN 1
MAXIMUM INSTANTANEOUS,
7.27 AT 22:32 CST ON JUN 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 08 N
LONG 109 39 10 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	474	AUG	0
MAR	188	SEP	0
APR	144	OCT	0
MAY	205	NOV	---
JUN	1 180	DEC	---

TOTAL DISCHARGE, 1 720 dam³

REMARKS - THE STAGE-DISCHARGE RELATION WAS NOT DEFINED BY DISCHARGE MEASUREMENTS ABOVE 2.60 m³/s

DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA064

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	874.435	874.480	874.386	873.563	874.707	874.552	874.253	874.092	873.782E	---	1
2	---	---	874.437	874.489	874.394	873.538	874.696	874.548	874.258	874.095	873.774E	---	2
3	---	---	874.441	874.482	874.391	873.557	874.689	874.544	874.265	874.090	873.776A	---	3
4	---	---	874.442	874.497	874.352	873.561	874.687	874.540	874.263	874.088	873.780A	---	4
5	---	---	874.446	874.474	874.287	873.535	874.675	874.537	874.262	874.081A	---	---	5
6	---	---	874.448	874.504	874.216	873.530	874.666	874.519	874.239	874.082E	---	---	6
7	---	---	874.442	874.489	874.155	873.520	874.663	874.515	874.236	874.085E	---	---	7
8	---	---	874.446	874.487	874.099	873.525	874.652	874.518	874.232	874.065E	---	---	8
9	---	---	874.443	874.487	874.007	873.539	874.645	874.507	874.233	873.975E	---	---	9
10	---	---	874.429	874.483	873.949	873.536	874.636	874.501	874.206	873.870E	---	---	10
11	---	---	874.426	874.477	873.880	873.534	874.633	874.499	874.190	873.784E	---	---	11
12	---	---	874.434	874.480	873.809	873.535	874.633	874.486	874.199	873.777E	---	---	12
13	---	---	874.434	874.471	873.741A	873.563	874.634	874.486	874.194	873.781E	---	---	13
14	---	---	874.439	874.460	873.684E	873.811	874.635	874.475	874.187	873.780E	---	---	14
15	---	---	874.429	874.473	873.623E	874.394	874.636	874.478	874.185	873.783E	---	---	15
16	---	---	874.428	874.483	873.573E	874.630	874.635	874.463	874.178	873.781E	---	---	16
17	---	---	874.434	874.463	873.562E	874.696	874.637	874.450	874.176	873.779E	---	---	17
18	---	874.215A	874.441	874.456	873.568E	874.711	874.637	874.446	874.178	873.775E	---	---	18
19	---	874.259	874.429	874.434	873.572A	874.723	874.628	874.437	874.170	873.774E	---	---	19
20	---	874.320	874.437	874.441	873.591	874.728	874.624	874.435	874.173	873.779E	---	---	20
21	---	874.356	874.434	874.454	873.601	874.728	874.618	874.437	874.163	873.782E	---	---	21
22	---	874.374	874.436	874.448	873.594	874.732	874.613	874.407	874.164	873.782E	---	---	22
23	---	874.391	874.439	874.439	873.583	874.731	874.606	874.381	874.154	873.781E	---	---	23
24	---	874.400	874.450	874.430	873.576	874.728	874.599	874.358	874.143	873.784E	---	---	24
25	---	874.407	874.429	874.422	873.570	874.722	874.599	874.328	874.148	873.782E	---	---	25
26	---	874.417	874.428	874.417	873.571	874.724	874.583	874.298	874.149	873.782E	---	---	26
27	---	874.429	874.435	874.419	873.577	874.717	874.576	874.277	874.132	873.782E	---	---	27
28	---	874.429	874.434	874.426	873.593	874.711	874.578	874.282	874.153	873.780E	---	---	28
29	---		874.461	874.413	873.578	874.700	874.575	874.272	874.138	873.780E	---	---	29
30	---		874.470	874.405	873.568	874.703	874.563	874.274	874.121	873.780E	---	---	30
31	---		874.473		873.568		874.560	874.258		873.779E		---	31
MEAN	---	---	874.440	874.459	873.813	874.164	874.630	874.436	874.189	873.868	---	---	MEAN
MAX	---	---	874.473	874.504	874.394	874.732	874.707	874.552	874.258	874.095	---	---	MAX
MIN	---	---	874.426	874.405	873.562	873.520	874.560	874.258	874.121	873.774	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 874.732 ON JUN 22
MINIMUM DAILY, 873.520 ON JUN 7
MAXIMUM INSTANTANEOUS,
874.741 AT 02:22 CST ON JUN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 01 N
LONG 109 40 49 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

DRAGLINE CHANNEL NEAR SQUAW RAPIDS - STATION NO. 05KH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.09 B	0.586B	0.271B	0.358B	0.891	2.12	0.359	2.76	15.3	4.77	0.721B	0.471B	1
2	1.32 B	0.539B	0.399B	0.587B	0.893	2.11	0.359	2.63	15.9	5.32	0.607B	0.421B	2
3	1.32 B	0.440B	0.695B	0.703B	0.867	2.17	0.346	2.60	13.9	5.46	1.33 B	0.424B	3
4	1.09 B	0.470B	0.738B	0.606B	0.835	2.23	0.323	2.59	9.67	5.36	1.39 B	0.440B	4
5	0.845B	0.320B	0.705B	0.583B	0.421	2.25	0.299	2.60	9.42	4.71	1.35 B	0.482B	5
6	1.14 B	0.410B	0.794B	0.446B	0.064	2.17	0.261	4.85	8.47	4.47	1.39 B	0.482B	6
7	1.48 B	0.507B	0.821B	0.512B	0.049	2.11	0.213	10.0	7.96	4.87	1.39 B	0.452B	7
8	1.54 B	0.150B	0.736B	0.527B	0.048	2.04	0.168	12.7	7.98	5.16	1.50 B	0.442B	8
9	1.15 B	0.494B	0.941B	0.591B	0.050	1.04	0.102	12.6	8.40	5.10	1.43 B	0.445B	9
10	0.808B	0.555B	0.878B	0.800B	0.058	0.229	0.059	12.6	8.27	4.88	1.35 B	0.428B	10
11	0.630B	0.394B	0.603B	0.732B	0.119	0.180	0.151	11.7	7.87	4.92	1.26 B	0.402B	11
12	0.365B	0.491B	0.624B	0.804B	0.232	0.176	0.158	11.5	6.90	4.97	1.11 B	0.359B	12
13	0.684B	0.386B	0.530B	0.963B	0.268	0.221	0.204	11.1	6.33	4.98	1.39 B	0.321B	13
14	0.612B	0.539B	0.471B	1.19 B	0.318	0.262	0.195	10.9	6.76	4.76	1.37 B	0.350B	14
15	0.656B	0.471B	0.522B	1.16 B	0.363	0.304	0.108	10.7	6.90	4.66	1.28 B	0.381B	15
16	0.842B	0.595B	0.502B	1.25 B	0.393	0.321	0.128	10.6	7.11	4.30	1.16 B	0.408B	16
17	0.625B	0.493B	0.422B	1.30 B	0.422	0.308	0.192	10.3	7.03	4.14	1.25 B	0.371B	17
18	0.699B	0.600B	0.548B	1.30 B	0.450	0.290	0.233	10.0	7.16	3.22	1.42 B	0.377B	18
19	0.553B	0.477B	0.572B	1.23 B	0.490	0.289	0.307	11.8	6.82	1.67	2.11 B	0.396B	19
20	0.541B	0.310B	0.460B	1.38 B	0.602	0.294	0.347	13.4	6.55	3.10 B	1.86 B	0.367B	20
21	0.376B	0.710B	0.895B	1.50 B	0.642	0.320	0.363	13.2	6.16	3.77 B	0.991B	0.398B	21
22	0.764B	0.535B	0.728B	1.33 B	0.712	0.309	0.395	13.6	6.69	3.76 B	0.951B	0.436B	22
23	0.874B	0.407B	0.494B	1.21 B	0.243	0.328	0.395	13.4	6.79	3.25 B	0.910B	0.412B	23
24	0.573B	0.607B	0.359B	0.977B	0.478	0.369	0.335	13.2	6.23	2.80 B	0.963B	0.453B	24
25	0.589B	0.416B	0.364B	0.934B	0.613	0.364	0.384	12.8	6.27	0.883B	0.965B	0.458B	25
26	0.576B	0.402B	0.480B	0.980	0.742	0.394	0.395	16.2	6.38	0.750B	0.652B	0.434B	26
27	0.629B	0.524B	0.560B	0.929	0.859	0.365	0.490	19.2	6.15	2.25 B	0.450B	0.509B	27
28	0.506B	0.584B	0.577B	0.936	0.947	0.168	0.526	19.3	5.54	0.732B	0.649B	0.535B	28
29	0.441B		0.469B	0.913	1.20	0.294	0.542	19.0	4.87	0.564B	0.606B	0.568B	29
30	0.447B		0.340B	0.902	2.17	0.331	0.540	18.0	5.07	1.14 B	0.498B	0.528B	30
31	0.407B		0.233B		2.11		1.59	14.9		1.38 B		0.583B	31
TOTAL	24.172	13.372	17.731	27.593	18.549	24.356	10.467	350.33	234.85	112.099	34.303	13.533	TOTAL
MEAN	0.780	0.478	0.572	0.920	0.598	0.812	0.338	11.3	7.83	3.62	1.14	0.437	MEAN
MAX	1.54	0.710	0.941	1.50	2.17	2.25	1.59	19.3	15.9	5.46	2.11	0.583	MAX
MIN	0.365	0.150	0.233	0.358	0.048	0.168	0.059	2.59	4.87	0.564	0.450	0.321	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.41
MAXIMUM DAILY, 19.3 ON AUG 28
MINIMUM DAILY, 0.048 ON MAY 8
MAXIMUM INSTANTANEOUS,
22.2 AT 03:22 CST ON AUG 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 102 56 25 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 090	JUL	904
FEB	1 160	AUG	30 300
MAR	1 530	SEP	20 300
APR	2 380	OCT	9 690
MAY	1 600	NOV	2 960
JUN	2 100	DEC	1 170

TOTAL DISCHARGE, 76 200 dam³

DUCK CREEK NEAR KELVINGTON - STATION NO. 05LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.30	0.091	0	0	0	0	0	0.040	---	1
2	---	---	0 B	2.95	0.055	0	0	0	0	0	0.050	---	2
3	---	---	0 B	2.68	0.068	0	0	0.030	0	0	0.073A	---	3
4	---	---	0 B	2.00	0.112	0	0	0.153	0	0	---	---	4
5	---	---	0 B	1.54	0.176	0	0	0.187	0	0	---	---	5
6	---	---	0 B	1.28	0.134	0	0	0.175	0	0	---	---	6
7	---	---	0 B	1.14	0.023	0	0	0.145	0	0	---	---	7
8	---	---	0 B	0.920	0.033	0	0	0.108	0	0	---	---	8
9	---	---	0 B	0.726	0.023	0	0	0.069	0	0	---	---	9
10	---	---	0 B	0.607	0.031	0	0	0.036	0	0	---	---	10
11	---	---	0 B	0.548	0.018	0	0	0.120	0	0	---	---	11
12	---	---	0 B	0.469	0.037	0	0	0.173	0	0.065	---	---	12
13	---	---	0 B	0.435	0.031	0	0	0	0	0.112	---	---	13
14	---	---	0 B	0.355	0.051	0	0	0	0	0.086	---	---	14
15	---	---	0 B	0.340	0.051	0	0	0	0	0.042	---	---	15
16	---	---	0 B	0.289	0.042	0	2.82	0	0	0.042	---	---	16
17	---	---	0.006B	0.266	0.007	0	6.30	0	0	0.104	---	---	17
18	---	---	0.262B	0.218	0	0	3.26	0	0	0.119	---	---	18
19	---	---	0.892B	0.178	0	0	1.72	0	0	0.143	---	---	19
20	---	---	0.718B	0.147	0	0	1.06	0	0	0.111	---	---	20
21	---	---	0.679B	0.113	0	0	0.596	0	0	0.081	---	---	21
22	---	---	0.155B	0.122	0.089	0	0.292	0	0	0.063	---	---	22
23	---	---	0.299B	0.092	0.058	0	0.094	0	0	0.048	---	---	23
24	---	---	0.300B	0.036	0.028	0	0.009	0	0	0.028	---	---	24
25	---	---	0.234B	0.011	0	0	0	0	0	0.007	---	---	25
26	---	---	0.281B	0.092	0	0	0	0	0	0.005	---	---	26
27	---	---	0.365B	0.033	0	0	0	0	0.001	0.006	---	---	27
28	---	---	0.988B	0.029	0	0	0	0	0	0.011	---	---	28
29	---		1.59	0.025	0	0	0	0	0	0.019	---	---	29
30	---		2.09	0.096	0	0	0	0	0	0.025	---	---	30
31	---		2.23		0		0	0		0.030		---	31
TOTAL	---	---	11.089	20.037	1.158	0	16.151	1.196	0.001	1.147	---	---	TOTAL
MEAN	---	---	0.358	0.668	0.037	0	0.521	0.039	0	0.037	---	---	MEAN
MAX	---	---	2.23	2.95	0.176	0	6.30	0.187	0.001	0.143	---	---	MAX
MIN	---	---	0	0.011	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 6.30 ON JUL 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.17 AT 10:04 CST ON JUL 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 40 N
LONG 103 37 34 W
DRAINAGE AREA, 209 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 400
FEB	---	AUG	103
MAR	958	SEP	0.09
APR	1 730	OCT	99.1
MAY	100	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 390 dam³

DUCK LAKE CREEK NEAR ROSTHERN - STATION NO. 05HH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---		0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 00 N
LONG 106 20 36 W
DRAINAGE AREA, 362 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

EAGLE CREEK NEAR ANGLIA - STATION NO. 05GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.043B	0.203	0.011	0.006	0.008	0.002	0	0	0.007	---	1
2	---	0 B	0.015B	0.275	0.010	0.006	0.006	0.002	0	0	0.009A	---	2
3	---	0 B	0.016B	0.214	0.010	0.007	0.006	0.001	0	0	---	---	3
4	---	0 B	0.077B	0.168	0.010	0.008	0.006	0.001	0	0	---	---	4
5	---	0 B	0.519B	0.132	0.010	0.008	0.006	0.001	0	0	---	---	5
6	---	0 B	1.10 B	0.177	0.010	0.009	0.004	0.001	0	0	---	---	6
7	---	0 B	0.884B	0.193	0.009	0.009	0.003	0.001	0	0	---	---	7
8	---	0 B	0.787B	0.201	0.010	0.009	0.003	0.001	0	0	---	---	8
9	---	0 B	0.554B	0.210	0.010	0.009	0.003	0.001	0	0	---	---	9
10	---	0 B	0.352B	0.168	0.010	0.009	0.004	0.002	0	0	---	---	10
11	---	0 B	0.252B	0.138	0.010	0.009	0.004	0.001	0	0.001	---	---	11
12	---	0 B	0.188B	0.123	0.009	0.009	0.005	0.001	0	0.001	---	---	12
13	---	0 B	0.392B	0.064	0.008	0.009	0.004	0.001	0	0.001	---	---	13
14	---	0 B	1.14	0.025	0.007	0.011	0.003	0.001	0	0.001	---	---	14
15	---	0 B	1.06	0.024	0.006	0.013	0.003	0.001	0	0.001	---	---	15
16	---	0 B	0.880	0.021	0.005	0.012	0.003	0.001	0	0.001	---	---	16
17	---	0.005B	0.890	0.021	0.004	0.013	0.004	0.001	0	0.001	---	---	17
18	---	0.075B	0.700	0.020	0.003	0.015	0.005	0.001	0	0.001	---	---	18
19	---	0.500B	0.538	0.018	0.001	0.014	0.006	0.001	0	0.001	---	---	19
20	---	1.00 B	0.457	0.018	0.002	0.012	0.006	0.001	0	0.001	---	---	20
21	---	1.50 B	0.421	0.015	0.003	0.011	0.007	0	0	0.001	---	---	21
22	---	2.30 B	0.344A	0.013	0.003	0.010	0.007	0	0	0.001	---	---	22
23	---	2.30 B	0.180E	0.012	0.003	0.009	0.006	0	0	0.001	---	---	23
24	---	2.33 B	0.163E	0.012	0.003	0.009	0.005	0	0	0.001	---	---	24
25	---	2.09 B	0.149A	0.011	0.003	0.009	0.004	0	0	0.002	---	---	25
26	---	1.02 B	0.172	0.011	0.004	0.009	0.003	0	0	0.003	---	---	26
27	---	0.697B	0.181	0.010	0.003	0.008	0.003	0	0	0.002	---	---	27
28	---	0.441B	0.188	0.010	0.004	0.007	0.003	0	0	0.003	---	---	28
29	---		0.286	0.010	0.004	0.007	0.003	0	0	0.005	---	---	29
30	---		0.304	0.010	0.005	0.007	0.003	0	0	0.007	---	---	30
31	---		0.241		0.005		0.002	0		0.008		---	31
TOTAL	---	14.258	13.473	2.527	0.195	0.283	0.138	0.023	0	0.044	---	---	TOTAL
MEAN	---	0.509	0.435	0.084	0.006	0.009	0.004	0.001	0	0.001	---	---	MEAN
MAX	---	2.33	1.14	0.275	0.011	0.015	0.008	0.002	0	0.008	---	---	MAX
MIN	---	0	0.015	0.010	0.001	0.006	0.002	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.068
MAXIMUM DAILY, 1.14 ON MAR 14
MINIMUM DAILY, 0 ON AUG 21
MAXIMUM INSTANTANEOUS,
2.39B AT 08:41 CST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 43 N
LONG 108 10 58 W
DRAINAGE AREA, 5 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11.9
FEB	1 230	AUG	1.99
MAR	1 160	SEP	0
APR	218	OCT	3.80
MAY	16.8	NOV	---
JUN	24.5	DEC	---

TOTAL DISCHARGE, 1 440 dam³

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

EAGLE CREEK NEAR ENVIRON - STATION NO. 05GC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.001B	0.038B	0.955B	0.275	0.010	0.008	0.016	0.005	0.014	0.038	---	1
2	---	0.001B	0.035B	0.998B	0.277	0.010	0.010	0.016	0.005	0.014	0.036	---	2
3	---	0.001B	0.040B	0.975B	0.291	0.010	0.010	0.018	0.005	0.014	0.035	---	3
4	---	0.001B	0.045B	0.938B	0.210	0.010	0.010	0.022	0.005	0.014	0.034	---	4
5	---	0.001B	0.060B	1.05 B	0.139	0.010	0.008	0.020	0.005	0.014	---	---	5
6	---	0.001B	0.065B	1.18 B	0.108	0.010	0.008	0.018	0.006	0.014	---	---	6
7	---	0.001B	0.055B	1.06 B	0.067	0.010	0.008	0.016	0.009	0.012	---	---	7
8	---	0.001B	0.055B	1.33 B	0.044	0.010	0.008	0.014	0.009	0.013	---	---	8
9	---	0.001B	1.08 B	0.771B	0.040	0.010	0.010	0.012	0.009	0.014	---	---	9
10	---	0.001B	1.87 B	0.754B	0.030	0.012	0.010	0.010	0.009	0.014	---	---	10
11	---	0.001B	1.88 B	0.652B	0.025	0.012	0.010	0.010	0.009	0.015	---	---	11
12	---	0.001B	2.13 B	0.652B	0.001	0.014	0.010	0.010	0.009	0.016	---	---	12
13	---	0.001B	1.58 B	0.638B	0.001	0.016	0.014	0.010	0.009	0.016	---	---	13
14	---	0.001B	1.09 B	0.634B	0.004	0.018	0.016	0.008	0.009	0.022	---	---	14
15	---	0.001B	1.10 B	0.614	0.004	0.020	0.018	0.008	0.009	0.022	---	---	15
16	---	0.001B	1.17 B	0.583	0.002	0.022	0.018	0.008	0.008	0.022	---	---	16
17	---	0.001B	1.46 B	0.556	0.015	0.026	0.018	0.008	0.008	0.024	---	---	17
18	---	0.003B	2.14 B	0.495	0.014	0.024	0.018	0.008	0.008	0.026	---	---	18
19	---	0.008B	1.76 B	0.489	0.007	0.022	0.018	0.010	0.008	0.026	---	---	19
20	---	0.012B	1.36 B	0.463	0.008	0.022	0.016	0.010	0.008	0.028	---	---	20
21	---	0.018B	2.08 B	0.448	0.015	0.025	0.015	0.010	0.010	0.030	---	---	21
22	---	0.025B	1.33 B	0.410	0.011	0.022	0.018	0.010	0.014	0.030	---	---	22
23	---	0.035B	1.37 B	0.343	0.013	0.022	0.014	0.008	0.014	0.032	---	---	23
24	---	0.050B	1.04 B	0.308	0.017	0.025	0.022	0.006	0.018	0.032	---	---	24
25	---	0.045B	1.01 B	0.314	0.023	0.025	0.022	0.006	0.018	0.034	---	---	25
26	---	0.030B	1.12 B	0.277	0.016	0.018	0.020	0.006	0.017	0.034	---	---	26
27	---	0.030B	1.10 B	0.264	0.010	0.014	0.020	0.005	0.016	0.036	---	---	27
28	---	0.030B	1.12 B	0.276	0.017	0.010	0.020	0.005	0.016	0.038	---	---	28
29	---		1.15 B	0.304	0.027	0.010	0.018	0.005	0.016	0.038	---	---	29
30	---		1.09 B	0.292	0.028	0.010	0.016	0.005	0.014	0.045	---	---	30
31	---		1.01 B		0.021		0.016	0.005		0.040		---	31
TOTAL	---	0.303	32.433	19.023	1.760	0.479	0.447	0.323	0.305	0.743	---	---	TOTAL
MEAN	---	0.011	1.05	0.634	0.057	0.016	0.014	0.010	0.010	0.024	---	---	MEAN
MAX	---	0.050	2.14	1.33	0.291	0.026	0.022	0.022	0.018	0.045	---	---	MAX
MIN	---	0.001	0.035	0.264	0.001	0.010	0.008	0.005	0.005	0.012	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.227
MAXIMUM DAILY, 2.14B ON MAR 18
MINIMUM DAILY, 0.001 ON MAY 12
MAXIMUM INSTANTANEOUS,
3.15B AT 13:26 CST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 107 22 40 W
DRAINAGE AREA, 11 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.6
FEB	26.2	AUG	27.9
MAR	2 800	SEP	26.4
APR	1 640	OCT	64.2
MAY	152	NOV	---
JUN	41.4	DEC	---

TOTAL DISCHARGE, 4 790 dam³

EAST POPLAR RIVER ABOVE COOKSON RESERVOIR - STATION NO. 11AE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.018B	0	0	0	0	0	0	0	---	---	1
2	---	---	0.010	0	0	0	0	0	0	0	---	---	2
3	---	---	0.008	0	0	0	0	0	0	0	---	---	3
4	---	---	0.006	0	0	0	0	0	0	0	---	---	4
5	---	---	0.004	0	0	0	0	0	0	0	---	---	5
6	---	---	0.003	0	0	0	0	0	0	0	---	---	6
7	---	---	0.002	0	0	0	0	0	0	0	---	---	7
8	---	---	0.003	0	0	0	0	0	0	0	---	---	8
9	---	---	0.002	0	0	0	0	0	0	0	---	---	9
10	---	---	0.001	0	0	0	0	0	0	0	---	---	10
11	---	---	0.001	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0.008	0	0	---	---	15
16	---	3.00 B	0	0	0	0	0	0	0	0	---	---	16
17	---	2.26 B	0	0	0	0	0	0	0	0	---	---	17
18	---	0.577B	0	0	0	0	0	0	0	0	---	---	18
19	---	0.189B	0	0	0	0	0	0	0	0	---	---	19
20	---	0.215B	0	0	0	0	0	0	0	0	---	---	20
21	---	0.200B	0	0	0	0	0	0	0	0	---	---	21
22	---	0.189B	0	0	0	0	0	0	0	0	---	---	22
23	---	0.109B	0	0	0	0	0	0	0	0	---	---	23
24	---	0.075B	0	0	0	0	0	0	0	0	---	---	24
25	---	0.043B	0	0	0	0	0	0	0	0	---	---	25
26	---	0.057B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.029B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.020B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0		0	0		0	---	---	30
31	---		0		0		0	0		0	---	---	31
TOTAL	---	---	0.058	0	0	0	0	0.008	0	0	---	---	TOTAL
MEAN	---	---	0.002	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.018	0	0	0	0	0.008	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.018B ON MAR 1
MINIMUM DAILY, 0 ON MAR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 51 N
LONG 105 32 36 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.69
MAR	5.01	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5.70 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED BEFORE FEB 16

EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082	0.074B	0.085	0.102	0.311	0.088	0.068	0.065	0.062	0.068	0.071	0.079	1
2	0.079	0.074B	0.085	0.096	0.311	0.201	0.065	0.068	0.071	0.071	0.071	0.079	2
3	0.076B	0.074B	0.088	0.091	0.311	0.266	0.062	0.065	0.059	0.074	0.074	0.079	3
4	0.071B	0.074B	0.091	0.091	0.283	0.272	0.065	0.068	0.059	0.071	0.079	0.082	4
5	0.071B	0.074B	0.091	0.085	0.261	0.263	0.062	0.071	0.068	0.071	0.071	0.079	5
6	0.074B	0.074B	0.091	0.093	0.252	0.283	0.062	0.076	0.059	0.074	0.071	0.079	6
7	0.074B	0.074B	0.088	0.096	0.311	0.283	0.062	0.071	0.062	0.071	0.076	0.085	7
8	0.074B	0.071B	0.088	0.093	0.311	0.283	0.062	0.065	0.068	0.071	0.071	0.082	8
9	0.071B	0.071B	0.088	0.085	0.269	0.283	0.059	0.062	0.068	0.071	0.074	0.082	9
10	0.071B	0.071B	0.091	0.085	0.283	0.280	0.059	0.062	0.065	0.071	0.074	0.082	10
11	0.074B	0.071B	0.093	0.082	0.278	0.280	0.062	0.062	0.062	0.074	0.074	0.079	11
12	0.074B	0.071B	0.093	0.088	0.280	0.283	0.062	0.062	0.062	0.099	0.076	0.079	12
13	0.074B	0.074B	0.093	0.085	0.278	0.340	0.059	0.065	0.062	0.096	0.076	0.076	13
14	0.074B	0.076	0.096A	0.085	0.275	0.311	0.076	0.065	0.062	0.085	0.076	0.074	14
15	0.074B	0.099	0.096A	0.085	0.269	0.258	0.071	0.074	0.059	0.074	0.076	0.074	15
16	0.074B	0.113	0.096A	0.093	0.275	0.130	0.071	0.071	0.059	0.074	0.074	0.074	16
17	0.074B	0.130	0.096A	0.105	0.278	0.110	0.065	0.068	0.062	0.085	0.076	0.074	17
18	0.074B	0.116	0.093A	0.093	0.263	0.088	0.065	0.065	0.065	0.068	0.085	0.074B	18
19	0.076	0.105	0.091A	0.088	0.275	0.079	0.065	0.062	0.065	0.079	0.082	0.074B	19
20	0.076	0.105	0.091A	0.091	0.278	0.082	0.065	0.062	0.068	0.088	0.079	0.074B	20
21	0.076	0.099	0.088A	0.105	0.235	0.085	0.065	0.068	0.065	0.076	0.079	0.074B	21
22	0.079	0.093	0.088A	0.108	0.127	0.079	0.062	0.068	0.065	0.071	0.079	0.071B	22
23	0.079	0.093	0.091A	0.096	0.105	0.079	0.062	0.071	0.065	0.071	0.079	0.071B	23
24	0.079	0.093	0.093A	0.096	0.093	0.076	0.062	0.071	0.062	0.074	0.079	0.071B	24
25	0.082	0.088	0.093A	0.181	0.085	0.071	0.065	0.071	0.074	0.074	0.079	0.068B	25
26	0.079	0.088	0.091A	0.249	0.079	0.071	0.062	0.074	0.079	0.076	0.079	0.068B	26
27	0.079	0.088	0.093	0.266	0.079	0.074	0.062	0.071	0.065	0.074	0.079	0.065B	27
28	0.079	0.085	0.099	0.311	0.079	0.074	0.062	0.065	0.062	0.068	0.079	0.065B	28
29	0.076		0.099	0.340	0.076	0.071	0.068	0.068	0.065	0.071	0.079	0.062B	29
30	0.076		0.099	0.311	0.071	0.068	0.068	0.071	0.071	0.074	0.079	0.059B	30
31	0.076		0.105		0.071		0.065	0.068		0.068		0.057B	31
TOTAL	2.347	2.418	2.863	3.875	6.752	5.211	1.990	2.095	1.940	2.332	2.296	2.291	TOTAL
MEAN	0.076	0.086	0.092	0.129	0.218	0.174	0.064	0.068	0.065	0.075	0.077	0.074	MEAN
MAX	0.082	0.130	0.105	0.340	0.311	0.340	0.076	0.076	0.079	0.099	0.085	0.085	MAX
MIN	0.071	0.071	0.085	0.082	0.071	0.068	0.059	0.062	0.059	0.068	0.071	0.057	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.100
MAXIMUM DAILY, 0.340 ON APR 29
MINIMUM DAILY, 0.057B ON DEC 31
MAXIMUM INSTANTANEOUS,
0.425 AT 16:15 CST ON APR 28

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 105 24 32 W
DRAINAGE AREA, 1 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	203	JUL	172
FEB	209	AUG	181
MAR	247	SEP	168
APR	335	OCT	201
MAY	583	NOV	198
JUN	450	DEC	198

TOTAL DISCHARGE, 3 150 dam³

EASTEND CANAL - STATION NO. 11AC052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.25 E	0	0	1.31	0	0	---	---	1
2	---	---	0	0	1.72 E	0	0	1.16	0	0	---	---	2
3	---	---	0	0	1.86 E	0	0	1.09	0	0	---	---	3
4	---	---	0	0	1.95 E	0	0	1.03	0	0	---	---	4
5	---	---	0	0	2.05 A	0	0	0.995	0	0	---	---	5
6	---	---	0	0	2.13	0	0	0.960	0	0	---	---	6
7	---	---	0	0	2.19	0	0	0.956	0	0	---	---	7
8	---	---	0	0	2.15	0	0	0.950	0	0	---	---	8
9	---	---	0	0	2.11	0	0	0.914	0	0	---	---	9
10	---	---	0	0	2.07	0	0.090	0.867	0	0	---	---	10
11	---	---	0	0	2.03	0	0.079	0.813	0	0	---	---	11
12	---	---	0	0	1.98	0	0.104	0.733	0	0	---	---	12
13	---	---	0	0	1.93	0	0.257	0.482	0	0	---	---	13
14	---	---	0	0	1.92	0	0.268	0.116	0	0	---	---	14
15	---	---	0	0	1.81	0	0.266	0.086	0	0	---	---	15
16	---	---	0	0	1.54	0	0.256	0.063	0	0	---	---	16
17	---	---	0	0	1.34	0	0.242	0.041	0	0	---	---	17
18	---	---	0	0	1.15	0	0.232	0.023	0	0	---	---	18
19	---	---	0	0	1.05	0	0.222	0	0	0	---	---	19
20	---	---	0	0	1.05	0	1.14	0	0	0	---	---	20
21	---	---	0	0	0.985	0	1.76	0	0	0	---	---	21
22	---	---	0	0	0.917	0	1.79	0	0	0	---	---	22
23	---	---	0	0	0.823	0	1.74	0	0	0	---	---	23
24	---	---	0	0	0.527	0	1.72	0	0	0	---	---	24
25	---	---	0	0	0.284	0	1.70	0	0	0	---	---	25
26	---	---	0	0	0.259	0	1.67	0	0	0	---	---	26
27	---	---	0	0	0	0	1.72	0	0	0	---	---	27
28	---	---	0	0	0	0	1.72	0	0	0	---	---	28
29	---		0	0	0	0	1.61	0	0	0	---	---	29
30	---		0	0	0	0	1.52	0	0	0	---	---	30
31	---		0		0		1.39	0		0		---	31
TOTAL	---	---	0	0	39.075	0	21.496	12.589	0	0	---	---	TOTAL
MEAN	---	---	0	0	1.26	0	0.693	0.406	0	0	---	---	MEAN
MAX	---	---	0	0	2.19	0	1.79	1.31	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.299
MAXIMUM DAILY, 2.19 ON MAY 7
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 21 N
LONG 108 50 54 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 860
FEB	---	AUG	1 090
MAR	0	SEP	0
APR	0	OCT	0
MAY	3 380	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6 330 dam³

EASTEND RESERVOIR - STATION NO. 11AC055

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	915.572	918.032	918.594	917.473	918.335	917.142	913.204E	913.759E	915.466	---	1
2	---	---	915.569	918.101	918.555	917.529	918.325	917.040	913.110E	914.491E	915.468	---	2
3	---	---	915.572	918.163	918.495	917.585	918.313	916.942	913.020E	914.775E	915.468A	---	3
4	---	---	915.576	918.211	918.424	917.624	918.294	916.840	912.920E	914.866E	---	---	4
5	---	---	915.665	918.248	918.344	917.652	918.275	916.734	912.830E	914.881A	---	---	5
6	---	---	916.134	918.276	918.263	917.673	918.250	916.625	912.740E	914.918A	---	---	6
7	---	---	916.442	918.302	918.187	917.689	918.236	916.500	912.670E	914.979A	---	---	7
8	---	---	916.650	918.327	918.109	917.705	918.227	916.344	912.660E	915.140	---	---	8
9	---	---	916.799	918.346	918.028	917.717	918.225A	916.182	912.650E	915.327	---	---	9
10	---	---	916.909	918.367	917.940	917.731	918.234A	915.998	912.640E	915.389	---	---	10
11	---	---	917.006	918.388	917.843	917.745	918.266E	915.776	912.630E	915.427	---	---	11
12	---	---	917.090	918.401	917.749	917.763	918.300E	915.516	912.620E	915.450	---	---	12
13	---	---	917.177	918.414	917.652	917.796	918.356E	915.264	912.610E	915.464	---	---	13
14	---	---	917.271	918.446	917.551	917.843	918.515E	915.303	912.600E	915.467	---	---	14
15	---	---	917.354	918.528	917.435	917.945	918.494E	915.372	912.590E	915.470	---	---	15
16	---	---	917.424	918.592	917.358	918.135	918.447A	915.409	912.580E	915.470	---	---	16
17	---	---	917.493	918.625	917.330	918.293	918.365A	915.426	912.570A	915.472	---	---	17
18	---	---	917.551	918.575	917.316	918.383	918.340A	915.429	912.560E	915.469	---	---	18
19	---	---	917.595	918.522	917.302	918.454	918.341A	915.429	912.550E	915.471	---	---	19
20	---	---	917.636	918.497	917.280	918.461	918.332A	915.431	912.540E	915.469	---	---	20
21	---	---	917.669	918.492	917.238	918.435	918.256A	915.424	912.530E	915.466	---	---	21
22	---	---	917.703	918.505	917.204	918.408	918.161	915.407	912.520E	915.464	---	---	22
23	---	915.600E	917.733	918.519	917.174	918.380	918.069	915.378	912.510E	915.464	---	---	23
24	---	915.600E	917.762	918.529	917.171	918.355	917.986	915.342	912.500E	915.464	---	---	24
25	---	915.606A	917.787	918.540	917.191	918.332	917.889	915.292	912.630E	915.467	---	---	25
26	---	915.607	917.817	918.551	917.212	918.333	917.787	915.229	912.750E	915.467	---	---	26
27	---	915.598	917.844	918.565	917.236	918.334	917.681	915.144	912.870E	915.468	---	---	27
28	---	915.590	917.872	918.577	917.274	918.336	917.566	915.034A	913.000E	915.468	---	---	28
29	---		917.899	918.583	917.321	918.336	917.460	914.892E	913.100E	915.467	---	---	29
30	---		917.925	918.590	917.369	918.339	917.356	914.527E	913.204E	915.467	---	---	30
31	---		917.969		917.420		917.246	913.743E		915.465		---	31
MEAN	---	---	917.112	918.427	917.663	918.026	918.127	915.681	912.730	915.267	---	---	MEAN
MAX	---	---	917.969	918.625	918.594	918.461	918.515	917.142	913.204	915.472	---	---	MAX
MIN	---	---	915.569	918.032	917.171	917.473	917.246	913.743	912.500	913.759	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 918.625 ON APR 17
MINIMUM DAILY, 912.500E ON SEP 24
MAXIMUM INSTANTANEOUS,
918.634 AT 15:54 CST ON APR 17

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 22 N
LONG 108 51 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

ECHO LAKE AT FISH HATCHERY - STATION NO. 05JK005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.453	478.467	478.464	478.579	478.691	478.881	478.968	479.032	478.982	478.855	478.704	478.514	1
2	478.449	478.464	478.459	478.586	478.708	478.898	478.969	479.035	478.975	478.846	478.692	478.515	2
3	478.448	478.464	478.457	478.585	478.725	478.904	478.963	479.039	478.972	478.846	478.682	478.514	3
4	478.448	478.464	478.453	478.588	478.746	478.914	478.959	479.038	478.956	478.842	478.672	478.511	4
5	478.449	478.466	478.447	478.593	478.749	478.925	478.952	479.040	478.953	478.838	478.667	478.508	5
6	478.451	478.467	478.443	478.608	478.744	478.918	478.944	479.042	478.959	478.831	478.660	478.509	6
7	478.451	478.466	478.441	478.637	478.754	478.931	478.942	479.043	478.961	478.818	478.649	478.508	7
8	478.450	478.466	478.437	478.635	478.761	478.934	478.941	479.042	478.957	478.807	478.640	478.506	8
9	478.446	478.465	478.435	478.634	478.771	478.940	478.938	479.037	478.952	478.814	478.629	478.505	9
10	478.447	478.462A	478.431	478.651	478.770	478.938	478.922	479.037	478.945	478.810	478.623	478.505	10
11	478.449	478.468E	478.429	478.642	478.774	478.936	478.908	479.035	478.940	478.801	478.614	478.505	11
12	478.448	478.466E	478.439	478.652	478.789	478.929	478.909	479.028	478.930	478.822	478.608	478.501	12
13	478.448	478.468E	478.449	478.669	478.801	478.927	478.915	479.024	478.921	478.834	478.603	478.498	13
14	478.451	478.469E	478.459	478.665	478.806	478.937	478.944	479.020	478.915	478.834	478.597	478.494	14
15	478.453	478.471E	478.470	478.672	478.781	478.959	478.953	479.014	478.907	478.831	478.594	478.492	15
16	478.451	478.473E	478.476	478.681	478.757	478.976	478.968	479.012	478.901	478.824	478.590	478.491	16
17	478.451	478.475E	478.479	478.698	478.785	478.983	478.975	479.012	478.897	478.820	478.583	478.488	17
18	478.453	478.477E	478.488	478.686	478.813	478.984	478.972	479.007	478.895	478.812	478.575	478.488	18
19	478.452	478.479E	478.495	478.684	478.825	478.977	478.973	479.009	478.886	478.807	478.572	478.487	19
20	478.451	478.480E	478.500	478.677	478.830	478.977	478.967	479.006	478.877	478.798	478.567	478.490	20
21	478.452	478.482E	478.507	478.689	478.832	478.983	478.963	479.004	478.879	478.784	478.565	478.488	21
22	478.452	478.484E	478.512	478.691	478.821	478.994	478.968	479.006	478.871	478.775	478.562	478.488	22
23	478.453	478.486A	478.519	478.689	478.827	478.997	478.983	479.005	478.867	478.767	478.557	478.489	23
24	478.455	478.484	478.525	478.682	478.841	479.002	478.989	479.002	478.863	478.759	478.553	478.489	24
25	478.467	478.480	478.532	478.685	478.851	478.997	478.988	479.005	478.863	478.751	478.550	478.488	25
26	478.470	478.477	478.535	478.689	478.856	478.985	478.989	479.009	478.886	478.747	478.545	478.488	26
27	478.468	478.473	478.541	478.686	478.867	478.980	478.992	479.005	478.888	478.742	478.538	478.486	27
28	478.466	478.470	478.549	478.688	478.878	478.977	478.994	479.001	478.869	478.741	478.533	478.483	28
29	478.465		478.552	478.700	478.888	478.977	478.999	479.000	478.856	478.737	478.524	478.482	29
30	478.464		478.556	478.702	478.886	478.974	479.022	478.992	478.857	478.722	478.518	478.480	30
31	478.468		478.572		478.885		479.035	478.993		478.716		478.481	31
MEAN	478.454	478.472	478.486	478.657	478.800	478.954	478.965	479.019	478.913	478.798	478.599	478.496	MEAN
MAX	478.470	478.486	478.572	478.702	478.888	479.002	479.035	479.043	478.982	478.855	478.704	478.515	MAX
MIN	478.446	478.462	478.429	478.579	478.691	478.881	478.908	478.992	478.856	478.716	478.518	478.480	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 478.719
MAXIMUM DAILY, 479.043 ON AUG 7
MINIMUM DAILY, 478.429 ON MAR 11
MAXIMUM INSTANTANEOUS,
479.046 AT 15:40 CST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 35 N
LONG 103 52 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EKAPO CREEK NEAR MARIEVAL - STATION NO. 05JM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.037B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	1
2	---	0 B	0.033B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	2
3	---	0 B	0.030B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	3
4	---	0 B	0.027B	0.001E	0.001E	0.001E	0.001E	0.013	0	0	---	---	4
5	---	0 B	0.025B	0.001E	0.001E	0.001E	0.001E	0.002	0	0	---	---	5
6	---	0 B	0.024B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	6
7	---	0 B	0.022B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	7
8	---	0 B	0.021B	0.001A	0.001E	0.001E	0.001E	0.001	0	0	---	---	8
9	---	0 B	0.018B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	9
10	---	0 B	0.016B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	---	---	10
11	---	0 B	0.015B	0.001E	0.001E	0.001E	0.001E	0.001	0	0A	---	---	11
12	---	0 B	0.012E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	12
13	---	0 B	0.011E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	13
14	---	0 B	0.009E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	14
15	---	0 B	0.008E	0.001E	0.001E	0.002A	0.001E	0	0	0E	---	---	15
16	---	0.005B	0.007E	0.001E	0.001E	0.001E	0.001A	0	0	0E	---	---	16
17	---	0.010B	0.006E	0.001E	0.001E	0.002A	0.001E	0	0	0E	---	---	17
18	---	0.020B	0.005E	0.001E	0.001E	0.005	0.001E	0	0	0E	---	---	18
19	---	0.030B	0.004E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	19
20	---	0.040B	0.003E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	20
21	---	0.060B	0.003E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	21
22	---	0.080B	0.002E	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	22
23	---	0.070B	0.002E	0.001A	0.001E	0.001E	0.001E	0	0	0E	---	---	23
24	---	0.060B	0.001E	0.001E	0.001E	0.001A	0.001E	0	0	0E	---	---	24
25	---	0.053B	0.001A	0.001E	0.001E	0.001E	0.001E	0	0	0E	---	---	25
26	---	0.049B	0.001E	0.001E	0.001A	0.001E	0.001E	0	0	0E	---	---	26
27	---	0.045B	0.001E	0.001E	0.001E	0.001E	0.001A	0	0	0E	---	---	27
28	---	0.040B	0.001E	0.001E	0.001E	0.001E	0.001	0	0	0E	---	---	28
29	---		0.001E	0.001E	0.001E	0.001E	0.001	0	0	0A	---	---	29
30	---		0.001E	0.001E	0.001E	0.001E	0.001	0		0E	---	---	30
31	---		0.001E		0.001E		0.001	0		0E		---	31
TOTAL	---	0.562	0.348	0.030	0.031	0.036	0.031	0.024	0	0	---	---	TOTAL
MEAN	---	0.020	0.011	0.001	0.001	0.001	0.001	0.001	0	0	---	---	MEAN
MAX	---	0.080	0.037	0.001	0.001	0.005	0.001	0.013	0	0	---	---	MAX
MIN	---	0	0.001	0.001	0.001	0.001	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.037B ON MAR 1
MINIMUM DAILY, 0 ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 47 N
LONG 102 42 37 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.68
FEB	48.6	AUG	2.07
MAR	30.1	SEP	0
APR	2.59	OCT	0
MAY	2.68	NOV	---
JUN	3.11	DEC	---

TOTAL DISCHARGE, 43.2 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

ELBOW DIVERSION CANAL AT DROP STRUCTURE - STATION NO. 05JG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84B	1.40 B	0.779B	0.788A	9.59	10.4	11.1	8.30	6.95	1.95	0.042	1.34	1
2	1.84B	1.40 B	0.782B	0.822	9.61	10.5	10.6	8.27	5.80	1.93	0.049	1.35	2
3	1.84B	1.40 B	0.785B	0.843	9.54	10.5	11.0	8.27	5.77	1.93	0.048	1.34	3
4	1.84B	1.40 B	0.788B	0.868	9.55	10.5	11.0	8.29	5.75	1.92	0.042	1.34	4
5	1.84B	1.40 B	0.788B	0.882	9.51	10.5	11.1	8.25	5.77	1.91	0.043	1.34	5
6	1.85B	1.40 B	0.788B	0.857A	9.51	10.6	11.1	8.25	5.78	1.89	0.639	1.33	6
7	1.85B	1.40 B	0.788B	0.805E	9.59	10.6	11.1	8.30	5.78	1.90	1.38	1.33	7
8	1.85B	1.40 B	0.788B	0.808E	9.56	10.7	11.1	8.24	5.79	1.90	1.38	1.32	8
9	1.85B	1.40 B	0.788B	0.843E	9.53	10.6	11.1	8.23	5.81	1.36	1.38	1.30	9
10	1.85B	1.40 B	0.788	1.48 E	9.56	10.7	11.2	8.23	5.77	0.099	1.41	1.33	10
11	1.85B	1.40 B	0.788	2.06 E	9.58	10.7	11.2	8.27	5.86	0.082	1.39	1.32B	11
12	1.85B	1.40 B	0.788	2.08 E	9.51	10.7	11.2	8.30	5.74	0.105	1.40	1.31B	12
13	1.85B	1.40 B	0.788	2.05 E	9.65	10.8	11.4	8.26	5.70	0.091	1.40	1.30B	13
14	1.85B	1.40 B	0.788	2.09 E	9.62	10.8	11.2	8.24	5.72	0.071	1.40	1.29B	14
15	1.85B	1.40 B	0.788	2.07 E	9.48	10.8	11.2	8.30	4.91	0.076	1.41	1.28B	15
16	1.86B	1.05 B	0.788	3.39 E	9.47	8.25	11.1	8.24	4.09	0.087	1.40	1.27B	16
17	1.86B	0.700B	0.788	4.58 E	9.53	10.8	10.4	8.35	4.05	0.061	1.38	1.26B	17
18	1.86B	0.710B	0.788	4.64 E	9.54	5.19	9.70	8.24	4.08	0.058	1.40	1.25B	18
19	1.86B	0.720B	0.788	4.64 E	9.65	10.3	9.74	8.25	4.07	0.067	1.37	1.24B	19
20	1.86B	0.730B	0.788	4.67 E	9.65	10.8	9.70	8.25	4.09	0.060	1.37	1.23B	20
21	1.86B	0.740B	0.788	5.19 E	9.67	10.8	9.74	8.29	4.04	0.045	1.38	1.22B	21
22	1.86B	0.750B	0.788	5.63 E	9.74	10.8	9.74	8.24	4.05	0.043	1.39	1.21B	22
23	1.86B	0.761B	0.788	6.91 A	9.69	10.8	8.94	8.24	4.07	0.047	1.37	1.20B	23
24	1.86B	0.764B	0.788	8.29	9.75	10.9	8.24	8.24	4.05	0.046	1.37	1.19B	24
25	1.86B	0.767B	0.788	8.25	9.81	10.9	8.23	8.19	4.09	0.042	1.37	1.18B	25
26	1.86B	0.770B	0.788	8.30	9.88	10.9	8.24	8.20	4.08	0.042	1.37	1.17B	26
27	1.63B	0.773B	0.788	8.27	9.97	10.9	8.27	8.18	4.00	0.041	1.36	1.16B	27
28	1.40B	0.776B	0.788	8.94	10.1	10.9	8.28	8.18	3.27	0.041	1.34	1.15B	28
29	1.40B		0.788	9.57	10.2	11.0	8.28	8.17	1.95	0.042	1.34	1.14B	29
30	1.40B		0.788	9.56	10.2	11.0	8.26	8.16	1.94	0.042	1.33	1.13B	30
31	1.40B		0.788		10.3		8.29	8.08		0.042		1.12B	31
TOTAL	55.39	31.011	24.410	120.176	300.54	313.64	311.75	255.50	142.82	18.020	33.953	38.94	TOTAL
MEAN	1.79	1.11	0.787	4.01	9.69	10.5	10.1	8.24	4.76	0.581	1.13	1.26	MEAN
MAX	1.86	1.40	0.788	9.57	10.3	11.0	11.4	8.35	6.95	1.95	1.41	1.35	MAX
MIN	1.40	0.700	0.779	0.788	9.47	5.19	8.23	8.08	1.94	0.041	0.042	1.12	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.51
MAXIMUM DAILY, 11.4 ON JUL 13
MINIMUM DAILY, 0.041 ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 106 23 55 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 790	JUL	26 900
FEB	2 680	AUG	22 100
MAR	2 110	SEP	12 300
APR	10 400	OCT	1 560
MAY	26 000	NOV	2 930
JUN	27 100	DEC	3 360

TOTAL DISCHARGE, 142 000 dam³

EMMA LAKE NEAR TWEEDSMUIR - STATION NO. 05GG008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	515.527E	515.481E	515.479E	515.478E	515.440E	515.384E	---	---	1
2	---	---	---	---	515.527E	515.479E	515.474E	515.478E	515.438E	515.391	---	---	2
3	---	---	---	---	515.527E	515.477	515.470	515.477E	515.437E	515.392E	---	---	3
4	---	---	---	---	515.527E	515.485E	515.470E	515.477E	515.435	515.393E	---	---	4
5	---	---	---	---	515.527E	515.494	515.469E	515.476E	515.435E	515.394E	---	---	5
6	---	---	---	---	515.528E	515.495E	515.469E	515.476E	515.435E	515.395E	---	---	6
7	---	---	---	---	515.528E	515.495E	515.469E	515.476	515.435E	515.396E	---	---	7
8	---	---	---	---	515.528	515.496E	515.468E	515.473E	515.435E	515.397E	---	---	8
9	---	---	---	---	515.529E	515.497E	515.468E	515.471E	515.435E	515.398	---	---	9
10	---	---	---	---	515.529E	515.498E	515.468	515.468E	515.435E	515.398E	---	---	10
11	---	---	---	---	515.530E	515.499E	515.462E	515.465E	515.435	515.397E	---	---	11
12	515.402	---	---	---	515.530E	515.499	515.455E	515.463E	515.418E	515.397E	---	---	12
13	---	---	---	---	515.531E	515.494E	515.449	515.460E	515.402E	515.397E	---	---	13
14	---	---	---	---	515.531E	515.489E	515.454E	515.457	515.386E	515.397E	---	---	14
15	---	---	---	---	515.532	515.483E	515.459E	515.457E	515.369E	515.396E	---	---	15
16	---	---	---	---	515.530E	515.478E	515.464E	515.456E	515.353E	515.396E	---	---	16
17	---	---	---	---	515.527E	515.473E	515.469	515.455E	515.336E	515.396E	---	---	17
18	---	---	---	---	515.525E	515.467E	515.470E	515.455E	515.320	515.395E	---	---	18
19	---	---	---	---	515.522E	515.462	515.470E	515.454	515.323E	515.395E	---	---	19
20	---	---	---	---	515.520	515.466E	515.471E	515.451E	515.327E	515.395	---	---	20
21	---	---	---	---	515.516E	515.470E	515.472E	515.449	515.330E	515.395E	---	---	21
22	---	---	---	---	515.512E	515.475E	515.472E	515.448E	515.333E	515.396E	---	---	22
23	---	---	---	---	515.508E	515.479E	515.473E	515.448E	515.337E	515.396E	---	---	23
24	---	---	---	---	515.504E	515.483E	515.474E	515.448E	515.340E	515.396E	---	---	24
25	---	---	---	---	515.500E	515.487E	515.474E	515.447E	515.343	515.397E	---	---	25
26	---	---	---	---	515.496	515.491E	515.475E	515.447E	515.350E	515.397E	---	---	26
27	---	---	---	---	515.493E	515.495	515.476E	515.446E	515.357E	515.397E	---	---	27
28	---	---	---	---	515.491E	515.491E	515.476E	515.446	515.364E	515.398E	---	---	28
29	---		---	---	515.488	515.487E	515.477E	515.445E	515.370E	515.399	---	---	29
30	---		---	---	515.486E	515.483E	515.478E	515.443E	515.377E	515.352	---	---	30
31	---		---		515.484E		515.478	515.442E		515.392		---	31
MEAN	---	---	---	---	515.517	515.485	515.469	515.459	515.384	515.395	---	---	MEAN
MAX	---	---	---	---	515.532	515.499	515.479	515.478	515.440	515.398	---	---	MAX
MIN	---	---	---	---	515.484	515.462	515.449	515.442	515.320	515.384	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 34 10 N
LONG 105 53 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ENGLISHMAN RIVER NEAR SPRUCE LAKE - STATION NO. 05EF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.062B	2.52 B	0.351	0.058	0.028	0.137E	0.004	0.004	0.143	---	1
2	---	---	0.062B	3.21 B	0.327	0.046	0.021	0.106E	0.002	0.004	0.141	---	2
3	---	---	0.062B	3.64 B	0.287	0.050	0.013	0.087E	0.001	0.006	0.140	---	3
4	---	---	0.062B	3.47 B	0.250	0.058	0.054	0.072E	0.001	0.003	0.133	---	4
5	---	---	0.062B	3.95 B	0.229	0.062	0.097	0.063E	0.003	0.002	0.120	---	5
6	---	---	0.062B	3.74 B	0.221	0.048	0.094	0.058E	0.010	0.004	---	---	6
7	---	---	0.062B	3.83 B	0.205	0.047	0.092	0.054E	0.010	0.007	---	---	7
8	---	---	0.062B	3.54 B	0.186	0.045	0.094	0.050E	0.010	0.010	---	---	8
9	---	---	0.062B	3.03 B	0.179	0.041	0.072	0.047E	0.010	0.014	---	---	9
10	---	---	0.062B	2.25	0.182	0.043	0.058	0.046E	0.009	0.023	---	---	10
11	---	---	0.062B	2.06	0.175	0.041	0.047	0.045E	0.006	0.030	---	---	11
12	---	---	0.062B	2.20	0.173	0.036	0.035	0.044E	0.007	0.035	---	---	12
13	---	---	0.062B	1.96	0.173	0.027	0.023	0.043E	0.006	0.041	---	---	13
14	---	---	0.062B	1.67	0.190	0.032	0.032	0.043E	0.004	0.045	---	---	14
15	---	---	0.062B	1.39	0.228	0.033	0.039	0.042E	0.003	0.047	---	---	15
16	---	---	0.062B	1.22	0.230	0.036	0.036	0.042E	0.001	0.061	---	---	16
17	---	---	0.062B	1.18	0.207	0.048	0.045	0.070E	0.001	0.091	---	---	17
18	---	---	0.062B	1.04	0.185	0.051	0.046	0.064E	0.001	0.102	---	---	18
19	---	---	0.062B	0.917	0.165	0.062	0.044	0.054E	0.001	0.113	---	---	19
20	---	---	0.062B	0.878	0.150	0.077	0.042	0.051A	0.001	0.106	---	---	20
21	---	---	0.062B	0.860	0.141	0.094	0.045A	0.054	0.001	0.099	---	---	21
22	---	---	0.062B	0.831	0.128	0.094	0.150E	0.042	0.001	0.124	---	---	22
23	---	---	0.062B	0.751	0.118	0.086	0.300E	0.038	0.001	0.122	---	---	23
24	---	---	0.066B	0.681	0.116	0.081	0.225E	0.033	0.001	0.116	---	---	24
25	---	---	0.079B	0.602	0.112	0.061	0.190E	0.029	0.001	0.133	---	---	25
26	---	---	0.089B	0.536	0.124	0.050	0.152E	0.024	0.001	0.127	---	---	26
27	---	---	0.178B	0.486	0.142	0.044	0.130E	0.013	0.001	0.120	---	---	27
28	---	---	0.747B	0.452	0.092	0.040	0.113E	0.009	0.001	0.137	---	---	28
29	---		1.23 B	0.418	0.048	0.038	0.100E	0.007	0.001	0.155	---	---	29
30	---		1.58 B	0.370	0.050	0.031	0.205E	0.006	0.002	0.153	---	---	30
31	---		2.18 B		0.050		0.185E	0.006		0.148		---	31
TOTAL	---	---	7.575	53.682	5.414	1.560	2.807	1.479	0.102	2.182	---	---	TOTAL
MEAN	---	---	0.244	1.79	0.175	0.052	0.091	0.048	0.003	0.070	---	---	MEAN
MAX	---	---	2.18	3.95	0.351	0.094	0.300	0.137	0.010	0.155	---	---	MAX
MIN	---	---	0.062	0.370	0.048	0.027	0.013	0.006	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.305
MAXIMUM DAILY, 3.95B ON APR 5
MINIMUM DAILY, 0.001 ON SEP 3
MAXIMUM INSTANTANEOUS,
5.06B AT 10:23 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 32 N
LONG 109 09 25 W
DRAINAGE AREA, 393 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	243
FEB	---	AUG	128
MAR	654	SEP	8.81
APR	4 640	OCT	189
MAY	468	NOV	---
JUN	135	DEC	---

TOTAL DISCHARGE, 6 470 dam³

ETOMAMI RIVER NEAR BERTWELL - STATION NO. 05LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.090B	4.74B	1.62	0.250	0.826	0.208	0.004	0.950	1.59	---	1
2	---	---	0.093B	4.30B	1.62	0.240	0.673	0.305	0.001	1.16	1.45B	---	2
3	---	---	0.095B	4.00B	1.72	0.203	0.825	0.364	0.001	1.17	1.55A	---	3
4	---	---	0.100B	3.75B	1.84	0.188	1.06	0.440	0.001	1.14	---	---	4
5	---	---	0.115B	3.80B	1.63	0.201	0.743	0.490	0.004	1.43	---	---	5
6	---	---	0.130B	3.90B	1.45	0.179	0.581	0.611	0.006	1.32	---	---	6
7	---	---	0.145B	4.15B	1.25	0.160	0.452	0.703	0.002	1.51	---	---	7
8	---	---	0.160B	4.50B	1.13	0.153	0.337	0.740	0.001	1.46	---	---	8
9	---	---	0.180B	5.11B	1.09	0.123	0.267	0.814	0.001	1.41	---	---	9
10	---	---	0.210B	6.07B	0.957	0.101	0.196	0.845	0.002	1.86	---	---	10
11	---	---	0.280B	2.96	0.782	0.071	0.182	0.818	0.001	2.17	---	---	11
12	---	---	0.340B	1.59	0.652	0.069	0.188	0.751	0.001	2.56	---	---	12
13	---	---	0.600B	1.42	0.556	0.065	0.164	0.644	0.001	2.94	---	---	13
14	---	---	1.00 B	1.94	0.504	0.133	0.145	0.601	0.001	4.27	---	---	14
15	---	---	1.75 B	2.15	0.444	0.150	0.190	0.579	0.001	3.73	---	---	15
16	---	---	2.70 B	1.93	0.383	0.495	0.323	0.432	0.001	3.59	---	---	16
17	---	---	2.96 B	3.26	0.394	1.41	0.431	0.319	0.001	3.59	---	---	17
18	---	---	2.70 B	3.21	0.361	1.01	1.34	0.290	0.001	3.41	---	---	18
19	---	---	1.90 B	2.69	0.346	0.776	1.37	0.176	0.001	3.35	---	---	19
20	---	---	1.20 B	2.70	0.305	0.909	1.07	0.087	0.001	3.08	---	---	20
21	---	---	0.780B	2.48	0.286	0.961	1.16	0.044	0.001	2.84	---	---	21
22	---	---	0.580B	2.15	0.284	0.921	0.969	0.006	0.001	2.63	---	---	22
23	---	---	0.540B	1.90	0.254	1.54	0.768	0.003	0.001	2.29 B	---	---	23
24	---	---	0.600B	1.80	0.236	3.70	0.592	0.003	0.001	2.43 B	---	---	24
25	---	---	0.695B	1.80	0.249	3.04	0.507	0.006	0.001	2.12 B	---	---	25
26	---	---	3.70 B	1.73	0.320	2.65	0.442	0.014	0.002	2.23 B	---	---	26
27	---	---	5.80 B	1.88	0.292	2.10	0.382	0.025	0.002	2.37	---	---	27
28	---	---	6.50 B	2.13	0.258	1.55	0.338	0.029	0.003	2.36	---	---	28
29	---		6.80 B	2.08	0.239	1.12	0.285	0.013	0.003	2.40	---	---	29
30	---		6.20 B	1.75	0.268	0.922	0.214	0.008	0.545	2.39	---	---	30
31	---		5.40 B		0.272		0.184	0.009		2.59		---	31
TOTAL	---	---	54.343	87.87	21.992	25.390	17.204	10.377	0.593	72.750	---	---	TOTAL
MEAN	---	---	1.75	2.93	0.709	0.846	0.555	0.335	0.020	2.35	---	---	MEAN
MAX	---	---	6.80	6.07	1.84	3.70	1.37	0.845	0.545	4.27	---	---	MAX
MIN	---	---	0.090	1.42	0.236	0.065	0.145	0.003	0.001	0.950	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 6.80B ON MAR 29
MINIMUM DAILY, 0.001 ON SEP 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 30 N
LONG 102 33 10 W
DRAINAGE AREA, 2 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 490
FEB	---	AUG	897
MAR	4 700	SEP	51.2
APR	7 590	OCT	6 290
MAY	1 900	NOV	---
JUN	2 190	DEC	---

TOTAL DISCHARGE, 25 100 dam³

EYEHILL CREEK NEAR MACKLIN - STATION NO. 05GA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.022B	0.448	0	0.007	0.368	0.255	0.001	0	---	1
2	---	---	0 B	0.020B	0.411	0	0.009	0.540	0.248	0.001	0	---	2
3	---	---	0 B	0.015B	0.389	0	0.011	0.503	0.238	0.001	0	---	3
4	---	---	0 B	0.012B	0.365	0	0.010	0.561	0.228	0.001	0	---	4
5	---	---	0 B	0.012B	0.342	0	0.003	0.561	0.220	0.001	0	---	5
6	---	---	0 B	0.010B	0.303	0	0.003	0.557	0.218	0.001	---	---	6
7	---	---	0 B	0.010B	0.155	0	0.006	0.554	0.210A	0.001	---	---	7
8	---	---	0 B	0.008B	0.068	0	0.005	0.553	0.200E	0.001	---	---	8
9	---	---	0 B	0.008B	0.065	0	0.005	0.550	0.195E	0.001	---	---	9
10	---	---	0 B	0.008B	0.064	0	0.006	0.545	0.190E	0.001	---	---	10
11	---	---	0 B	0.007B	0.060	0	0.007	0.541	0.186E	0.001	---	---	11
12	---	---	0 B	0.009B	0.059	0	0.008	0.522	0.180E	0.001	---	---	12
13	---	---	0 B	0.009B	0.059	0	0.006	0.507	0.175E	0.001	---	---	13
14	---	---	0 B	0.009B	0.061	0	0.005	0.498	0.170E	0.001	---	---	14
15	---	---	0 B	0.008B	0.067	0	0.003	0.489	0.168E	0.001	---	---	15
16	---	---	0 B	0.006B	0.062	0	0.006	0.482	0.163E	0.001	---	---	16
17	---	---	0 B	0.651	0.059	0	0.013	0.473	0.158E	0.001	---	---	17
18	---	---	0.020B	1.19	0.057	0	0.012	0.463	0.153E	0.001	---	---	18
19	---	---	0.026B	1.10	0.061	0	0.012	0.444	0.150E	0.001	---	---	19
20	---	---	0.027B	1.04	0.064	0	0.011	0.426	0.148E	0.001	---	---	20
21	---	---	0.028B	0.985	0.069	0	0.012	0.411	0.145E	0	---	---	21
22	---	---	0.030B	0.918	0.070	0	0.011	0.403	0.140E	0	---	---	22
23	---	---	0.032B	0.863	0.067	0	0.011	0.388	0.136A	0	---	---	23
24	---	---	0.033B	0.779	0.027	0	0.012	0.370	0.123	0	---	---	24
25	---	---	0.046B	0.689	0.006	0	0.012	0.357	0.108	0	---	---	25
26	---	---	0.048B	0.644	0	0.001	0.012	0.351	0.063	0	---	---	26
27	---	---	0.046B	0.598	0	0.003	0.014	0.338	0.002	0	---	---	27
28	---	---	0.044B	0.555	0	0.004	0.016	0.312	0.001	0	---	---	28
29	---		0.042B	0.507	0	0.004	0.017	0.299	0.002	0	---	---	29
30	---		0.038B	0.473	0	0.006	0.027	0.286	0.002	0	---	---	30
31	---		0.032B		0		0.064	0.263		0		---	31
TOTAL	---	---	0.492	11.165	3.458	0.018	0.356	13.915	4.571	0.020	---	---	TOTAL
MEAN	---	---	0.016	0.372	0.112	0.001	0.011	0.449	0.152	0.001	---	---	MEAN
MAX	---	---	0.048	1.19	0.448	0.006	0.064	0.561	0.255	0.001	---	---	MAX
MIN	---	---	0	0.006	0	0	0.003	0.263	0.001	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.139
MAXIMUM DAILY, 1.19 ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.43 AT 13:00 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 08 N
LONG 109 55 41 W
DRAINAGE AREA, 10 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	30.8
FEB	---	AUG	1 200
MAR	42.5	SEP	395
APR	965	OCT	1.73
MAY	299	NOV	---
JUN	1.56	DEC	---

TOTAL DISCHARGE, 2 940 dam³

FAHLMAN CREEK NEAR DAVIN - STATION NO. 05JF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.001B	0	0	0	0	0	0	0.001	---	1
2	---	---	0 B	0.001B	0	0	0	0	0	0	0.001	---	2
3	---	---	0 B	0.001B	0	0	0	0	0	0.001	0.001	---	3
4	---	---	0 B	0.001B	0	0	0	0	0	0.001	0.001	---	4
5	---	---	0 B	0.001B	0	0	0	0	0	0.001	0.001A	---	5
6	---	---	0 B	0.001B	0	0	0	0	0	0.001	---	---	6
7	---	---	0 B	0.001B	0	0	0	0	0	0.001	---	---	7
8	---	---	0 B	0.001B	0	0	0	0	0	0.001	---	---	8
9	---	---	0.001B	0.001B	0	0	0	0	0	0.001	---	---	9
10	---	---	0.003B	0.001B	0	0	0	0	0	0.001	---	---	10
11	---	---	0.002B	0.001B	0	0	0	0	0	0.001	---	---	11
12	---	---	0.001B	0.001B	0	0.001	0	0	0	0.003	---	---	12
13	---	---	0.001B	0.001B	0	0.003	0.001	0	0	0.001	---	---	13
14	---	---	0.002B	0.001B	0	0.003	0.001	0	0	0.001	---	---	14
15	---	---	0.002B	0.001B	0	0.002	0	0	0	0.001	---	---	15
16	---	---	0.003B	0.001B	0	0.001	0	0	0	0.001	---	---	16
17	---	---	0.003B	0.001B	0	0.001	0	0	0	0.001	---	---	17
18	---	---	0.004B	0.001B	0	0.001	0	0	0	0.001	---	---	18
19	---	---	0.005B	0.001B	0	0.001	0	0	0	0.001	---	---	19
20	---	---	0.003B	0.001B	0	0.001	0	0	0	0.001	---	---	20
21	---	---	0.002B	0.001	0	0.001	0	0	0	0.001	---	---	21
22	---	---	0.002B	0.001	0	0.001	0	0	0	0.001	---	---	22
23	---	---	0.002B	0.001	0	0.001	0	0	0	0.001	---	---	23
24	---	---	0.001B	0.001	0	0.001	0	0	0	0.001	---	---	24
25	---	---	0.001B	0.001	0	0	0	0	0	0.001	---	---	25
26	---	---	0.001B	0.001	0	0	0	0	0.001	0.001	---	---	26
27	---	---	0.001B	0.001	0	0	0	0	0	0.001	---	---	27
28	---	---	0.001B	0.001	0	0	0	0	0	0.001	---	---	28
29	---		0.001B	0.001	0	0	0	0	0	0.001	---	---	29
30	---		0.001B	0.001	0	0	0	0	0	0.001	---	---	30
31	---		0.001B		0		0	0		0.001		---	31
TOTAL	---	---	0.044	0.030	0	0.018	0.002	0	0.001	0.031	---	---	TOTAL
MEAN	---	---	0.001	0.001	0	0.001	0	0	0	0.001	---	---	MEAN
MAX	---	---	0.005	0.001	0	0.003	0.001	0	0.001	0.003	---	---	MAX
MIN	---	---	J	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.005B ON MAR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
.012B AT 18:00 CST ON MAR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 10 N
LONG 104 11 30 W
DRAINAGE AREA, 15.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.17
FEB	---	AUG	0
MAR	3.80	SEP	0.09
APR	2.59	OCT	2.68
MAY	0	NOV	---
JUN	1.56	DEC	---

TOTAL DISCHARGE, 10.9 dam³

FIR RIVER NEAR HUDSON BAY - STATION NO. 05LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.408B	0.223B	0.088B	0.603B	3.72	0.889	0.989	2.34	0.209	2.17	3.14 B	0.793B	1
2	0.329B	0.154B	0.122B	0.816B	3.32	0.840	0.976	2.49	0.195	2.04	3.13 B	0.687B	2
3	0.171B	0.148B	0.117B	0.777B	3.38	0.798	0.891	2.25	0.206	1.92	3.20 B	0.592B	3
4	0.199B	0.221B	0.168B	0.861B	3.59	0.731	0.897	1.95	0.233	1.76	2.87 B	0.683B	4
5	0.169B	0.133B	0.173B	0.983B	3.50	0.685	0.858	1.69	0.441	1.61	2.57 B	0.724B	5
6	0.134B	0.088B	0.171B	0.977B	3.24	0.643	0.813	1.98	0.657	1.55	2.42 B	0.753B	6
7	0.163B	0.152B	0.168B	1.00 B	3.01	0.601	0.723	2.20	0.726	1.36	2.02 B	0.700B	7
8	0.184B	0.149B	0.154B	0.995B	2.87	0.615	0.648	2.31	0.704	1.26	2.26 B	0.620B	8
9	0.154B	0.116B	0.153B	0.924B	2.68	0.629	0.559	1.95	0.645	1.20	2.79 B	0.524B	9
10	0.154B	0.096B	0.181B	1.21 B	2.45	0.648	0.499	1.61	0.565	1.18	2.54 B	0.460B	10
11	0.153B	0.110B	0.139B	0.960B	2.23	0.636	0.445	1.35	0.472	1.26	2.21 B	0.419B	11
12	0.174B	0.129B	0.146B	0.909B	2.07	0.633	0.389	1.10	0.400	1.93	2.01 B	0.391B	12
13	0.179B	0.115B	0.190B	0.898B	1.97	0.591	0.347	0.948	0.358	3.30	1.67 B	0.361B	13
14	0.187B	0.243B	0.136B	0.858B	1.92	0.583	0.288	0.811	0.304	4.84	1.88 B	0.339B	14
15	0.161B	0.067B	0.155B	0.759B	1.84	0.533	0.489	0.729	0.275	5.69	1.53 B	0.297B	15
16	0.157B	0.045B	0.188B	0.608B	1.74	0.496	0.590	0.640	0.255	5.79	1.39 B	0.267B	16
17	0.199B	0.033B	0.817B	0.633B	1.63	0.513	1.57	0.581	0.128	5.53	1.86 B	0.185B	17
18	0.220B	0.011B	1.26 B	0.746B	1.54	0.508	3.19	0.571	0.082	6.03	3.72 B	0.195B	18
19	0.235B	0.024B	1.21 B	0.915B	1.45	0.511	3.42	0.536	0.089	6.57	5.40 B	0.154B	19
20	0.195B	0.159B	1.13 B	1.01 B	1.40	0.631	3.27	0.476	0.085	6.46	6.01 B	0.244B	20
21	0.085B	0.082B	0.966B	1.02 B	1.38	0.746	2.81	0.459	0.086	5.79	5.28 B	0.215B	21
22	0.157B	0.008B	0.845B	1.48 B	1.33	0.839	2.31	0.443	0.108	4.82B	4.31 B	0.179B	22
23	0.072B	0.007B	0.631B	1.43 B	1.29	0.871	2.03	1.02	0.195	3.51B	3.46 B	0.199B	23
24	0.067B	0.043B	0.462B	1.22 B	1.19	0.884	1.79	0.958	0.307	3.65B	2.65 B	0.226B	24
25	0.116B	0.107B	0.400B	1.54 B	1.10	0.891	1.71	0.740	0.315	3.97B	2.01 B	0.186B	25
26	0.102B	0.111B	0.506B	1.83 B	0.998	0.914	2.10	0.604	0.703	4.05B	1.37 B	0.258B	26
27	0.157B	0.141B	0.490B	2.58	0.927	1.07	2.08	0.498	1.10	4.70B	1.05 B	0.274B	27
28	0.174B	0.122B	0.591B	3.50	0.904	1.03	1.82	0.412	2.02	4.13B	0.893B	0.162B	28
29	0.167B		0.542B	3.90	0.900	1.13	1.64	0.357	2.33	3.05	0.809B	0.137B	29
30	0.144B		0.419B	3.87	0.905	1.09	1.58	0.295	2.26	3.00	0.744B	0.107B	30
31	0.218B		0.562B		0.927		1.93	0.263		2.95		0.100B	31
TOTAL	5.384	3.037	13.280	39.812	61.401	22.179	43.651	34.561	16.453	107.07	77.196	11.431	TOTAL
MEAN	0.174	0.108	0.428	1.33	1.98	0.739	1.41	1.11	0.548	3.45	2.57	0.369	MEAN
MAX	0.408	0.243	1.26	3.90	3.72	1.13	3.42	2.49	2.33	6.57	6.01	0.793	MAX
MIN	0.067	0.007	0.088	0.603	0.900	0.496	0.288	0.263	0.082	1.18	0.744	0.100	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 6.57 ON OCT 19
MINIMUM DAILY, 0.007B ON FEB 23
MAXIMUM INSTANTANEOUS,
6.61 AT 20:04 CST ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 59 N
LONG 102 23 44 W
DRAINAGE AREA, 507 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	465	JUL	3 770
FEB	262	AUG	2 990
MAR	1 150	SEP	1 420
APR	3 440	OCT	9 250
MAY	5 310	NOV	6 670
JUN	1 920	DEC	988

TOTAL DISCHARGE, 37 680 dam³

FISHING LAKE NEAR WADENA - STATION NO. 05MB013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	528.660E	528.680E	528.647E	---	---	---	---	1
2	---	---	---	---	---	528.656E	528.679E	528.649E	---	---	---	---	2
3	---	---	---	---	---	528.653E	528.678E	528.651E	---	---	---	---	3
4	---	---	---	---	---	528.650E	528.677E	528.653E	---	---	---	---	4
5	---	---	---	---	---	528.646E	528.676E	528.655	---	---	---	---	5
6	---	---	---	---	---	528.643E	528.675E	528.651E	---	---	---	---	6
7	---	---	---	---	---	528.640E	528.674E	528.648E	---	528.513	---	---	7
8	---	---	---	---	---	528.636E	528.673	528.644E	---	---	---	---	8
9	---	---	---	---	---	528.633E	528.671E	528.640E	---	---	---	---	9
10	---	---	---	---	---	528.630E	528.670E	528.636E	---	---	---	---	10
11	---	528.596	---	---	---	528.626	528.668E	528.633E	---	---	---	---	11
12	---	---	---	---	---	528.631E	528.667E	528.629E	---	---	---	---	12
13	---	---	---	---	528.698	528.636E	528.665E	528.625	---	---	---	---	13
14	---	---	---	---	528.691	528.640E	528.664E	528.627E	---	---	---	---	14
15	---	---	---	---	528.690E	528.645E	528.662E	528.629E	---	---	---	---	15
16	---	---	---	---	528.689E	528.649E	528.661E	528.630E	---	528.538	---	---	16
17	---	---	---	---	528.688E	528.654E	528.659E	528.632E	---	---	---	---	17
18	---	---	---	---	528.686E	528.658	528.658E	528.634E	---	---	---	---	18
19	---	---	---	---	528.685E	528.660E	528.656E	528.635	---	---	---	---	19
20	---	---	---	---	528.684E	528.662E	528.655E	528.631E	---	---	---	---	20
21	---	---	---	---	528.683E	528.663E	528.653E	528.627E	---	---	---	---	21
22	---	---	---	---	528.682E	528.665	528.652E	528.623E	---	---	---	---	22
23	---	---	---	---	528.681E	528.670E	528.650E	528.619E	---	---	---	---	23
24	---	---	---	---	528.680E	528.675E	528.649E	528.615E	---	---	---	---	24
25	---	---	---	---	528.678E	528.680E	528.647E	528.610E	---	---	---	---	25
26	---	---	---	---	528.677E	528.685	528.646E	528.606E	---	---	---	---	26
27	---	---	---	---	528.676	528.684E	528.644E	528.602E	---	---	---	---	27
28	---	---	---	---	528.673E	528.683E	528.643E	528.598E	---	---	---	---	28
29	---		---	---	528.670E	528.682E	528.641	528.594E	---	---	---	---	29
30	---		---	---	528.666E	528.681E	528.643E	528.590E	---	---	---	---	30
31	---		---		528.663E		528.645E	528.585		---		---	31
MEAN	---	---	---	---	---	528.656	528.661	528.627	---	---	---	---	MEAN
MAX	---	---	---	---	---	528.685	528.680	528.655	---	---	---	---	MAX
MIN	---	---	---	---	---	528.626	528.641	528.585	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 41 N
LONG 103 33 48 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FLOWING WELL WEST INFLOW NEAR FLOWING WELL - STATION NO. 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0.044	0	0	0	---	---	13
14	---	---	0	0	0	0	0.002	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	1.10 A	0	0	0	0	0	0	0	0	---	---	18
19	---	0.188A	0	0	0	0	0	0	0	0	---	---	19
20	---	0.122	0	0	0	0	0	0	0	0	---	---	20
21	---	0.065	0	0	0	0	0	0	0	0	---	---	21
22	---	0.031	0	0	0	0	0	0	0	0	---	---	22
23	---	0.018	0	0	0	0	0	0	0	0	---	---	23
24	---	0.011	0	0	0	0	0	0	0	0	---	---	24
25	---	0.007	0	0	0	0	0	0	0	0	---	---	25
26	---	0.002	0	0	0	0	0	0	0	0	---	---	26
27	---	0.001	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0.046	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0.044	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.044 ON JUL 13
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 04 N
LONG 106 56 46 W
DRAINAGE AREA, 87.0 km²
A - MANUAL GAUGE

NATURAL FLOW

REMARKS - SIGNIFICANT RUNOFF OCCURRED PRIOR TO FEB 18

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.97
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.97 dam³

FOND DU LAC RIVER AT OUTLET OF BLACK LAKE - STATION NO. 07LE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208	192	179	189	218	398	363	320	275	225	200	196	1
2	208	191	179	190	225	400	359	318	270	225	204	195	2
3	208	191	179	191	230	402	357	318	267	225	207	195	3
4	206	191	180	191	236	403	349	316	267	225	206	195	4
5	204	192	179	192	242	406	348	314	265	225	205	195	5
6	204	191	179	193	250	406	350	311	264	225	203	195	6
7	204	191	179	196	257	406	350	311	263	225	201	194	7
8	203	190	179	197	265	404	347	308	261	227	202	194	8
9	202	190	179	197	274	403	345	307	260	226	203	193	9
10	201	189	179	199	284	402	346	302	254	224	202	194	10
11	200	189	178	199	292	401	347	299	256	222	202	196	11
12	199	188	179	199	301	400	345	301	256	222	203	196	12
13	198	188	179	198	308	400	346	299	256	221	201	195	13
14	198	190	179	199	314	400	345	298	253	221	202	195	14
15	197	188	179	199	321	398	343	297	252	222	204	194	15
16	197	187	180	199	328	394	341	299	250	221	202	194	16
17	197	185	180	199	335	390	339	298	249	219	198	194	17
18	196	184	180	199	340	389	341	297	248	218	197	193	18
19	196	183	181	200	345	387	339	295	248	218	196	192	19
20	194	184	182	201	351	386	337	293	245	213	196	191	20
21	194	183	183	200	357	384	336	293	242	212	195	191	21
22	194	183	185	200	361	381	336	292	240	210	194	190	22
23	194	183	185	201	367	379	335	291	238	212	194	188	23
24	194	181	186	202	372	377	330	289	236	209	194	188	24
25	194	181	186	203	377	375	328	288	236	208	194	188	25
26	194	180	187	204	381	373	327	287	234	208	194	188	26
27	193	180	188	206	385	370	325	285	231	207	194	189	27
28	193	179	188	208	389	369	326	282	230	208	194	188	28
29	193		189	210	390	368	326	282	227	206	195	188	29
30	192		189	213	393	364	324	279	224	205	196	190A	30
31	192		189		396		322	277		204		190E	31
TOTAL	6 147	5 224	5 643	5 974	9 884	11 715	10 552	9 246	7 497	6 738	5 978	5 964	TOTAL
MEAN	198	187	182	199	319	391	340	298	250	217	199	192	MEAN
MAX	208	192	189	213	396	406	363	320	275	227	207	196	MAX
MIN	192	179	178	189	218	364	322	277	224	204	194	188	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 248
MAXIMUM DAILY, 406 ON JUN 5
MINIMUM DAILY, 178 ON MAR 11
MAXIMUM INSTANTANEOUS,
409 AT 05:09 CST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 50 N
LONG 105 32 20 W
DRAINAGE AREA, 49 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	531 000	JUL	912 000
FEB	451 000	AUG	799 000
MAR	488 000	SEP	648 000
APR	516 000	OCT	582 000
MAY	854 000	NOV	516 000
JUN	1 010 000	DEC	515 000

TOTAL DISCHARGE, 7 820 000 dam³

FOSTER RIVER ABOVE CHURCHILL RIVER - STATION NO. 06CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8	9.91	8.83	8.84	13.2	33.4	26.5	17.5	11.1	8.81	8.53	7.74	1
2	10.6	9.82	8.80	8.81	15.4	32.5	26.2	17.5	11.0	8.76	8.54	7.70	2
3	10.6	9.83	8.79	8.89	19.2	31.5	25.8	17.5	10.7	8.76	8.50	7.65	3
4	10.6	9.87	8.76	8.89	24.1	30.3	25.0	17.3	10.7	8.72	8.44	7.61	4
5	10.6	9.89	8.74	8.88	29.7	29.2	24.1	17.2	10.7	8.69	8.41	7.58	5
6	10.4	9.93	8.69	9.06	34.8	28.8	23.7	16.8	10.7	8.65	8.40	7.66	6
7	10.4	9.73	8.79	9.27	40.3	28.9	23.4	16.5	10.6	8.65	8.41	7.70	7
8	10.4	9.70	8.74	9.22	45.1	28.9	22.6	16.1	10.6	8.64	8.36	7.67	8
9	10.2	9.51	8.74	9.11	49.7	28.7	21.8	15.7	10.6	8.61	8.32	7.61	9
10	10.2	9.37	8.72	9.09	54.0	28.5	21.5	15.3	10.5	8.65	8.32	7.70	10
11	10.3	9.40A	8.74	9.17	58.0	28.5	21.5	15.0	10.3	8.66	8.36	7.82	11
12	10.4	9.40A	8.78	9.29	61.0	28.6	21.6	14.3	10.2	8.64	8.28	7.86	12
13	10.4	9.23	8.75	9.27	62.7	28.5	21.4	14.1	10.1	8.64	8.24	7.79	13
14	10.4	9.28	8.76	9.32	63.6	28.5	20.9	13.7	9.93	8.66	8.25	7.72	14
15	10.4	9.38	8.74	9.42	61.6	27.9	20.6	13.5	9.87	8.60	8.23	7.64	15
16	10.4	9.43	8.71	9.49	60.0	27.5	20.2	13.4	9.76	8.69	8.24	7.53	16
17	10.4	9.44	8.72	9.47	58.2	27.2	19.7	13.0	9.66	8.77	8.18	7.53	17
18	10.4	9.37	8.70	9.56	56.5	26.3	19.3	12.9	9.53	8.64	8.14	7.53	18
19	10.3	9.27	8.64	9.58	54.8	26.4	19.0	12.8	9.43	8.74	8.13	7.55	19
20	10.4	9.27	8.57	9.57	53.4	26.2	18.5	12.6	9.25	8.69	8.06	7.62	20
21	10.3	9.20	8.67	9.63	51.8	26.0	18.0	12.5	9.14	8.59	8.06	7.68	21
22	10.3	9.08	8.72	9.67	49.7	26.0	17.8	12.2	9.21	8.48	8.05	7.64	22
23	10.3	9.07	8.72	9.75	47.3	26.4	17.7	12.1	9.41	8.48	8.07	7.62	23
24	10.3	9.05	8.79	9.77	45.9	26.8	17.1	12.1	9.23	8.55	8.04	7.59	24
25	10.3	9.01	8.81	9.91	44.4	27.0	16.6	11.9	9.23	8.41	8.01	7.62	25
26	10.1	8.97	8.84	10.2	43.2	27.0	16.4	11.8	9.14	8.53	7.95	7.48	26
27	10.0	9.01	8.83	10.4	42.2	27.1	16.6	11.6	9.04	8.46	7.87	7.46	27
28	10.0	8.91	8.90	10.7	40.6	26.7	17.0	11.5	8.91	8.47	7.83	7.40	28
29	9.97		8.94	11.3	38.2	26.5	17.3	11.2	8.87	8.51	7.80	7.36	29
30	9.96		8.90	11.9	36.4	26.5	17.5	11.4	8.91	8.52	7.78	7.33	30
31	10.0		8.85		35.0		17.6	11.2		8.50		7.31A	31
TOTAL	320.13	263.33	271.68	287.43	1 390.0	842.3	632.9	432.2	296.32	267.17	245.80	235.70	TOTAL
MEAN	10.3	9.40	8.76	9.58	44.8	28.1	20.4	13.9	9.88	8.62	8.19	7.60	MEAN
MAX	10.8	9.93	8.94	11.9	63.6	33.4	26.5	17.5	11.1	8.81	8.54	7.86	MAX
MIN	9.96	8.91	8.57	8.81	13.2	26.0	16.4	11.2	8.87	8.41	7.78	7.31	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 63.6 ON MAY 14
MINIMUM DAILY, 7.31A ON DEC 31
MAXIMUM INSTANTANEOUS,
63.9 AT 04:19 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 49 30 N
LONG 105 45 20 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 700	JUL	54 700
FEB	22 800	AUG	37 300
MAR	23 500	SEP	25 600
APR	24 800	OCT	23 100
MAY	120 000	NOV	21 200
JUN	72 800	DEC	20 400

TOTAL DISCHARGE, 474 000 dam³

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.818B	0.006	1.67	2.10	0.005	0.756	0	0	---	---	1
2	---	---	0.818B	0.003	0.818	1.86	0.004	0.351	0	0	---	---	2
3	---	---	0.657B	0.002	0.286	1.69	0.003	0.171	0	0	---	---	3
4	---	---	0.649B	0.001	0.444	1.63	0.002	0.096	0	0	---	---	4
5	---	---	0.747B	0.028	0.485	1.45	0.001	0.060	0	0	---	---	5
6	---	---	1.17 B	0.082	0.201	1.34	0.001	0.036	0	0	---	---	6
7	---	---	0.864B	0.060	0.762	1.30	0	0.017	0	0	---	---	7
8	---	---	0.511B	0.121	1.17	1.27	0	0.009	0	0	---	---	8
9	---	---	0.460B	0.054	1.21	1.27	0	0.007	0	0	---	---	9
10	---	---	0.334B	0.025	1.35	1.27	0	0.002	0	0	---	---	10
11	---	---	0.296B	0.016	0.922	1.26	0	0.001	0	0	---	---	11
12	---	---	0.271B	0.016	1.00	1.27	0	0.001	0	0	---	---	12
13	---	---	0.257B	0.020	1.17	1.37	1.27	0	0	0	---	---	13
14	---	---	0.243B	0.016	1.11	1.27	1.64	0	0	0	---	---	14
15	---	---	0.230B	0.012	1.01	1.41	0.932	0	0	0	---	---	15
16	---	---	0.226B	0.007	1.17	1.51	0.773	0	0	0	---	---	16
17	---	---	0.209B	0.008	1.02	1.19	0.722	0	0	0	---	---	17
18	---	---	0.190B	0.009	1.31	1.11	0.713	0	0	0	---	---	18
19	---	---	0.179B	0.007	0.932	1.08	0.738	0	0	0	---	---	19
20	---	---	0.171B	0.007	0.722	0.764	0.782	0	0	0	---	---	20
21	---	---	0.171	0.009	0.800	0.369	0.730	0	0	0	---	---	21
22	---	---	0.171	0.026	0.713	0.213	0.809	0	0	0	---	---	22
23	---	---	0.168	0.520	0.406	0.118	0.836	0	0	0	---	---	23
24	---	---	0.158	1.29	0.266	0.075	0.912	0	0	0	---	---	24
25	---	---	0.168	1.49	0.197	0.052	0.962	0	0	0	---	---	25
26	---	2.00B	0.085	1.47	0.190	0.027	1.00	0	0	0	---	---	26
27	---	1.17B	0.029	1.46	0.239	0.018	0.992	0	0	0	---	---	27
28	---	1.00B	0.014	1.45	0.560	0.013	0.952	0	0	0	---	---	28
29	---		0.010	1.69	1.60	0.007	0.942	0	0	0	---	---	29
30	---		0.008	1.79	1.51	0.006	0.893	0	0	0	---	---	30
31	---		0.007		1.55		0.922	0		0		---	31
TOTAL	---	---	10.289	11.695	26.793	28.312	17.536	1.507	0	0	---	---	TOTAL
MEAN	---	---	0.332	0.390	0.864	0.944	0.566	0.049	0	0	---	---	MEAN
MAX	---	---	1.17	1.79	1.67	2.10	1.64	0.756	0	0	---	---	MAX
MIN	---	---	0.007	0.001	0.190	0.006	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.392
MAXIMUM DAILY, 2.10 ON JUN 1
MINIMUM DAILY, 0 ON JUL 7
MAXIMUM INSTANTANEOUS,
3.19 AT 17:00 CST ON JUN 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 107 18 10 W
DRAINAGE AREA, 5 510 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 520
FEB	---	AUG	130
MAR	889	SEP	0
APR	1 010	OCT	0
MAY	2 310	NOV	---
JUN	2 450	DEC	---

TOTAL DISCHARGE, 8 310 dam³

FRENCHMAN RIVER BELOW EASTEND RESERVOIR - STATION NO. 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.68 B	0.192	0.156	0.193	0.397	0.113	0.080	0.188	0.263	---	1
2	---	---	2.20 B	0.182	0.139	0.189	0.404	0.120	0.077	0.186	0.269	---	2
3	---	---	2.19 B	0.180	0.123	0.190	0.408	0.117	0.070	0.183	0.265A	---	3
4	---	---	2.05 B	0.182	0.115	0.185	0.419	0.118	0.064	0.187	---	---	4
5	---	---	1.81 B	0.177	0.115	0.168	0.419	0.117	0.059	0.153	---	---	5
6	---	---	0.273	0.178	0.115	0.169	0.305	0.118	0.034	0.152	---	---	6
7	---	---	0.298	0.164	0.115	0.163	0.229	0.113	0.024	0.154	---	---	7
8	---	---	0.314	0.163	0.115	0.163	0.170	0.108	0.023	0.159	---	---	8
9	---	---	0.318	0.164	0.108	0.164	0.133	0.104	0.043	0.162	---	---	9
10	---	---	0.313	0.156	0.106	0.161	0.126	0.100	0.045	0.165	---	---	10
11	---	---	0.315	0.154	0.104	0.163	0.128	0.096	0.040	0.172	---	---	11
12	---	---	0.315	0.158	0.102	0.168	0.130	0.089	0.027	0.209	---	---	12
13	---	---	0.318	0.155	0.099	0.179	0.138	0.091	0.020	0.236	---	---	13
14	---	---	0.320	0.153	0.096	0.183	0.719	0.096	0.040	0.245	---	---	14
15	---	---	0.291	0.160	0.095	0.171	1.25	0.099	0.031	0.252	---	---	15
16	---	---	0.273	0.232	0.096	0.171	1.14	0.103	0.014	0.261	---	---	16
17	---	---	0.265	0.607	0.091	0.172	0.977	0.106	0.009	0.271	---	---	17
18	---	---	0.254	0.854	0.089	0.176	0.377	0.127	0.003	0.266	---	---	18
19	---	7.00B	0.250	0.776	0.083	0.401	0.267	0.113	0	0.256	---	---	19
20	---	8.20B	0.251	0.526	0.086	0.668	0.181	0.104	0	0.258	---	---	20
21	---	12.5 B	0.245	0.263	0.103	0.682	0.188	0.113	0	0.231	---	---	21
22	---	9.98B	0.246	0.173	0.122	0.677	0.182	0.107	0	0.238	---	---	22
23	---	8.37B	0.248	0.155	0.128	0.571	0.171	0.110	0	0.231	---	---	23
24	---	6.39B	0.247	0.164	0.130	0.502	0.168	0.104	0	0.263	---	---	24
25	---	3.57B	0.236	0.143	0.134	0.427	0.163	0.105	0.018	0.247	---	---	25
26	---	2.84B	0.229	0.139	0.140	0.392	0.155	0.100	0.120	0.269	---	---	26
27	---	3.37B	0.230	0.145	0.145	0.393	0.150	0.097	0.143	0.258	---	---	27
28	---	3.81B	0.230	0.175	0.146	0.394	0.144	0.094	0.150	0.266	---	---	28
29	---		0.224	0.147	0.147	0.400	0.138	0.092	0.147	0.272	---	---	29
30	---		0.203	0.147	0.150	0.390	0.121	0.088	0.142	0.268	---	---	30
31	---		0.197		0.195		0.112	0.086		0.266		---	31
TOTAL	---	---	17.833	7.164	3.688	9.025	10.009	3.248	1.419	6.760	---	---	TOTAL
MEAN	---	---	0.575	0.239	0.119	0.301	0.323	0.105	0.047	0.218	---	---	MEAN
MAX	---	---	2.68	0.854	0.195	0.682	1.25	0.127	0.150	0.272	---	---	MAX
MIN	---	---	0.197	0.139	0.083	0.161	0.112	0.086	0	0.143	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.241
MAXIMUM DAILY, 2.68B ON MAR 1
MINIMUM DAILY, 0 ON SEP 19
MAXIMUM INSTANTANEOUS,
13.5B AT 06:30 CST ON FEB 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 54 N
LONG 108 50 16 W
DRAINAGE AREA, 1 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	865
FEB	---	AUG	281
MAR	1 540	SEP	123
APR	619	OCT	584
MAY	319	NOV	---
JUN	780	DEC	---

TOTAL DISCHARGE, 5 110 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

FRENCHMAN RIVER BELOW NEWTON LAKE - STATION NO. 11AC062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.432	0.105	0.085	1.40	0	0.250	0.070	0.120	0.146	---	1
2	---	---	0.685	0.105	0.091	1.39	0	0.254	0.044	0.114	0.145A	---	2
3	---	---	1.26	0.099	0.089	1.37	0	0.247	0.036	0.114	---	---	3
4	---	---	1.08	0.107	0.067	1.35	0	0.252	0.036	0.117	---	---	4
5	---	---	0.447	0.102	0.060	1.35	0	0.241	0.036	0.126	---	---	5
6	---	---	0.320	0.135	0.052	1.33	0.610	0.258	0.039	0.117	---	---	6
7	---	---	0.212	0.108	0.049	1.30	1.18	0.240	0.039	0.099	---	---	7
8	---	---	0.198	0.102	0.047	1.30	1.16	0.242	0.043	0.091	---	---	8
9	---	---	0.177A	0.110	0.047	1.24	1.12	0.240	0.045	0.114	---	---	9
10	---	---	0.170E	0.099	0.046	1.22	1.10	0.249	0.043	0.159	---	---	10
11	---	---	0.169E	0.092	0.045	1.21	1.07	0.248	0.044	0.151	---	---	11
12	---	---	0.166E	0.102	0.045	1.18	1.05	0.255	0.045	0.123	---	---	12
13	---	---	0.164E	0.089	0.045	1.17	1.00	0.258	0.046	0.065	---	---	13
14	---	---	0.164E	0.087	0.046	1.15	0.966	0.244	0.046	0.073	---	---	14
15	---	---	0.167E	0.083	0.046	1.13	0.928	0.264	0.047	0.388	---	---	15
16	---	---	0.166E	0.101	0.047	1.13	0.916	0.273	0.061	0.[illegible]	---	---	16
17	---	---	0.164E	0.073	0.051	0.438	0.981	0.275	0.066	0.[illegible]74	---	---	17
18	---	---	0.158A	0.066	0.050	0.002	1.00	0.192	0.061	[illegible]572	---	---	18
19	---	---	0.143	0.067	0.051	0.001	1.07	0.138	0.046	[illegible]325	---	---	19
20	---	---	0.157	0.995	0.053	0.001	1.08	0.133	0.032	[illegible]497	---	---	20
21	---	---	0.162	1.57	0.051	0.001	1.08	0.137	0.030	0.392	---	---	21
22	---	---	0.158	1.56	0.049	0.001	1.11	0.126	0.029	0.481	---	---	22
23	---	---	0.167	1.53	0.052	0.001	1.15	0.111	0.092	0.467	---	---	23
24	---	0.314A	0.170	1.53	0.053	0.001	1.16	0.114	0.138	0.294	---	---	24
25	---	0.335	0.176	1.51	0.202	0.001	1.17	0.114	0.146	0.156	---	---	25
26	---	0.356	0.173	1.50	1.52	0.001	1.19	0.097	0.135	0.156	---	---	26
27	---	0.381	0.155	1.51	1.48	0.001	1.23	0.094	0.104	0.147	---	---	27
28	---	0.407	0.143	1.53	1.47	0.001	1.22	0.088	0.105	0.149	---	---	28
29	---		0.133	1.18	1.43	0.001	0.630	0.087	0.108	0.157	---	---	29
30	---		0.120	0.093	1.46	0	0.250	0.077	0.115	0.154	---	---	30
31	---		0.107		1.42		0.251	0.073		0.156		---	31
TOTAL	---	---	8.263	16.340	10.299	20.671	25.672	5.871	1.927	7.450	---	---	TOTAL
MEAN	---	---	0.267	0.545	0.332	0.689	0.828	0.189	0.064	0.240	---	---	MEAN
MAX	---	---	1.26	1.57	1.52	1.40	1.23	0.275	0.146	0.602	---	---	MAX
MIN	---	---	0.107	0.066	0.045	0	0	0.073	0.029	0.065	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.394
MAXIMUM DAILY, 1.57 ON APR 21
MINIMUM DAILY, 0 ON JUN 30
MAXIMUM INSTANTANEOUS,
1.83 AT 11:30 CST ON MAR 4

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 07 N
LONG 107 48 20 W
DRAINAGE AREA, 3 490 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 220
FEB	---	AUG	507
MAR	714	SEP	166
APR	1 410	OCT	644
MAY	890	NOV	---
JUN	1 790	DEC	---

TOTAL DISCHARGE, 8 340 dam³

PROBISHER INDEX RESERVOIR - STATION NO. 05ND006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	28.107E	29.813	29.618	29.281	28.966	28.820	28.430	28.410	28.076	27.895E	---	1
2	---	28.107E	29.813	29.607	29.271	28.956	28.808	28.421E	28.388	28.068	27.883E	---	2
3	---	28.107E	29.811	29.595	29.258E	28.954	28.792	28.413E	28.376	28.064	27.871	---	3
4	---	28.107E	29.811	29.587	29.244	28.958	28.779E	28.404	28.364	28.059E	---	---	4
5	---	28.107E	29.805	29.575	29.232	28.960	28.765E	28.730	28.346	28.054	---	---	5
6	---	28.107E	29.803	29.562E	29.218	28.954	28.752	28.724	28.329E	28.044	---	---	6
7	---	28.107E	29.801	29.550E	29.204	28.948E	28.734	28.706	28.312	28.032	---	---	7
8	---	28.107E	29.801	29.537	29.194	28.942	28.714E	28.694	28.294	28.124	---	---	8
9	---	28.107E	29.799	29.523	29.186	28.934	28.694	28.684	28.282	28.110	---	---	9
10	---	28.107E	29.795	29.513	29.175E	28.932	28.678	28.674	28.264	28.108E	---	---	10
11	---	28.107E	29.791	29.495	29.164	28.926	28.664	28.654	28.246	28.106E	---	---	11
12	---	28.107E	29.785	29.489	29.154	28.910	28.648	28.634	28.230	28.104	---	---	12
13	---	28.107E	29.781	29.483	29.144	28.920E	28.632	28.618	28.216E	28.095E	---	---	13
14	---	28.107E	29.779	29.473	29.132	28.930E	28.620	28.602	28.202	28.085E	---	---	14
15	---	28.800E	29.771	29.463	29.120E	28.940	28.610	28.588	28.188	28.076E	---	---	15
16	---	29.300E	29.761	29.453	29.108E	28.930	28.598	28.584	28.174	28.066	---	---	16
17	---	29.550E	29.753	29.439	29.096	28.928	28.582	28.570	28.162	28.059E	---	---	17
18	---	29.663	29.741	29.415	29.088	28.924	28.568	28.556	28.150	28.051E	---	---	18
19	---	29.713	29.733	29.403	29.078	28.920	28.568	28.544	28.136	28.044E	---	---	19
20	---	29.757	29.723	29.393E	29.066	28.916	28.548	28.528	28.124	28.036	---	---	20
21	---	29.782E	29.711	29.383E	29.054	28.916E	28.544	28.520	28.108	28.024E	---	---	21
22	---	29.807	29.703	29.373	29.044E	28.916	28.532	28.506	28.114	28.012E	---	---	22
23	---	29.818	29.695	29.361	29.034	28.912	28.518	28.506	28.104	28.001E	---	---	23
24	---	29.815	29.687	29.345	29.036	28.902	28.506	28.504E	28.092	27.989E	---	---	24
25	---	29.815	29.677	29.331	29.030	28.894	28.494	28.502	28.094	27.977E	---	---	25
26	---	29.815	29.669	29.321	29.020	28.878	28.478	28.494	28.090	27.965E	---	---	26
27	---	29.815	29.664E	29.305	29.012	28.864	28.460	28.480	28.088	27.954E	---	---	27
28	---	29.815	29.659	29.305	29.002	28.856	28.448	28.464	28.082	27.942E	---	---	28
29	---		29.650E	29.301	28.992	28.845	28.450	28.454	28.074	27.930E	---	---	29
30	---		29.641	29.293	28.994	28.832	28.448	28.444	28.084	27.918E	---	---	30
31	---		29.627		28.980E		28.440	28.430		27.906E		---	31
MEAN	---	28.884	29.744	29.450	29.116	28.919	28.609	28.550	28.204	28.035	---	---	MEAN
MAX	---	29.818	29.813	29.618	29.281	28.966	28.820	28.730	28.410	28.124	---	---	MAX
MIN	---	28.107	29.627	29.293	28.980	28.832	28.440	28.404	28.074	27.906	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.818 ON FEB 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 11 47 N
LONG 102 22 36 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GAFF DITCH NEAR MERRYFLAT - STATION NO. 11AB102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.004	0.172	0.023	0.184	0.040	0	0.054	---	---	1
2	---	---	0	0.002	0.024	0.023	0.113	0.021	0	0.055	---	---	2
3	---	---	0	0.002	0.017	0.019	0.104	0.009	0.059	0.051	---	---	3
4	---	---	0	0.002	0.015	0.016	0.077	0.009	0.079	0.049	---	---	4
5	---	---	0	0.095	0.008	0.012	0.064	0.007	0.067	0.045	---	---	5
6	---	---	0	0.152	0.006	0.017	0.043	0.005	0.029	0.038	---	---	6
7	---	---	0	0.147	0.006	0.006	0.032	0.003	0.022	0.016	---	---	7
8	---	---	0	0.140	0.006	0.004	0.021	0.001	0.014	0.006	---	---	8
9	---	---	0	0.136	0.006	0.004	0.019	0.001	0	0.002	---	---	9
10	---	---	0	0.126	0.006	0.005	0.012	0.001	0	0	---	---	10
11	---	---	0	0.292	0.287	0.004	0.012	0.001	0	0	---	---	11
12	---	---	0	0.423	0.448	0.003	0.012	0.001	0	0	---	---	12
13	---	---	0	0.404	0.391	0.002	0.014	0.001	0	0	---	---	13
14	---	---	0	0.368	0.350	0.003	0.020	0.001	0	0	---	---	14
15	---	---	0	0.387	0.354	0.009	0.016	0.001	0	0	---	---	15
16	---	---	0	0.395	0.364	0.008	0.009	0.001	0	0	---	---	16
17	---	---	0	0.469	0.172	0.007	0.015	0.003	0	0	---	---	17
18	---	---	0	0.516	0.137	0.005	0.014	0.001	0	0	---	---	18
19	---	---	0	0.498	0.008	0.004	0.013	0	0	0	---	---	19
20	---	---	0	0.476	0.004	0.003	0.012	0	0	0	---	---	20
21	---	---	0 E	0.461	0.004	0.005	0.016	0	0	0	---	---	21
22	---	---	0 E	0.501	0.003	0.006	0.017	0	0	0	---	---	22
23	---	---	0 E	0.516	0.171	0.006	0.018	0	0.004	0	---	---	23
24	---	---	0.001E	0.504	0.414	0.007	0.017	0	0.068	0	---	---	24
25	---	---	0.002E	0.500	0.388	0.007	0.015	0	0.071	0	---	---	25
26	---	---	0.002E	0.480	0.369	0.007	0.014	0	0.075	0	---	---	26
27	---	---	0.003E	0.446	0.335	0.007	0.012	0	0.074	0	---	---	27
28	---	---	0.003E	0.398	0.304	0.009	0.012	0	0.074	0	---	---	28
29	---		0.004E	0.379	0.246	0.009	0.010	0	0.070	0	---	---	29
30	---		0.004E	0.370	0.220	0.110	0.040	0	0.064	0	---	---	30
31	---		0.004E		0.082		0.054	0		0		---	31
TOTAL	---	---	0.023	9.589	5.317	0.350	1.031	0.107	0.770	0.312	---	---	TOTAL
MEAN	---	---	0.001	0.320	0.172	0.012	0.033	0.003	0.026	0.010	---	---	MEAN
MAX	---	---	0.004	0.516	0.448	0.110	0.184	0.040	0.079	0.055	---	---	MAX
MIN	---	---	0	0.002	0.003	0.002	0.009	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.516 ON APR 18
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 05 N
LONG 109 50 07 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	89.1
FEB	---	AUG	9.24
MAR	1.99	SEP	66.5
APR	828	OCT	27.0
MAY	459	NOV	---
JUN	30.2	DEC	---

TOTAL DISCHARGE, 1 510 dam³

GAINSBOROUGH CREEK NEAR STORTHOAKS - STATION NO. 05NF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.075B	0.002B	0	0	0	0	0	0	---	---	1
2	---	0 B	0.066B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.052B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.044B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.040B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.038B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.029B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.026B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.025B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.025B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.028B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.031B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.032B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.034B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.030B	0	0	0	0	0	0	0	---	---	15
16	---	0.020B	0.025B	0	0	0	0	0	0	0	---	---	16
17	---	0.040B	0.022B	0	0	0	0	0	0	0	---	---	17
18	---	0.100B	0.018B	0	0	0	0	0	0	0	---	---	18
19	---	0.200B	0.015B	0	0	0	0	0	0	0	---	---	19
20	---	0.300B	0.013B	0	0	0	0	0	0	0	---	---	20
21	---	0.350B	0.011B	0	0	0	0	0	0	0	---	---	21
22	---	0.250B	0.008B	0	0	0	0	0	0	0	---	---	22
23	---	0.200B	0.007B	0	0	0	0	0	0	0	---	---	23
24	---	0.160B	0.006B	0	0	0	0	0	0	0	---	---	24
25	---	0.130B	0.005B	0	0	0	0	0	0	0	---	---	25
26	---	0.110B	0.003B	0	0	0	0	0	0	0	---	---	26
27	---	0.095B	0.002B	0	0	0	0	0	0	0	---	---	27
28	---	0.085B	0.002B	0	0	0	0	0	0	0	---	---	28
29	---		0.002B	0	0	0	0	0	0	0	---	---	29
30	---		0.001B	0	0	0	0	0		0		---	30
31	---		0.002B		0								31
TOTAL	---	2.040	0.713	0.002	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.073	0.023	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.350	0.075	0.002	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.075B ON MAR 1
MINIMUM DAILY, 0 ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 51 N
LONG 101 31 36 W
DRAINAGE AREA, 712 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	176	AUG	0
MAR	61.6	SEP	0
APR	0.17	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 61.8 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

GAP CREEK BELOW DOWNIE LAKE DIVERSION - STATION NO. 05HA069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.003B	0.004	0.003	0.004	0	0	0	0	0	---	1
2	---	0 B	0.003B	0.004	0.004	0.004	0	0	0	0	0	---	2
3	---	0 B	0.003B	0.004	0.004	0.003	0	0	0	0	0	---	3
4	---	0 B	0.002B	0.003	0.004	0.005	0	0	0	0	---	---	4
5	---	0 B	0.002B	0.003	0.003	0.002	0	0	0	0	---	---	5
6	---	0 B	0.002B	0.003	0.005	0	0	0	0	0	---	---	6
7	---	0 B	0.001B	0.004	0.006	0	0	0	0	0	---	---	7
8	---	0 B	0.002B	0.004	0.007	0	0	0	0	0	---	---	8
9	---	0 B	0.001B	0.003	0.005	0.006	0	0	0	0	---	---	9
10	---	0 B	0.002B	0.003	0.005	0.005	0	0	0	0	---	---	10
11	---	0 B	0.002	0.003	0.004	0.003	0	0	0	0	---	---	11
12	---	0 B	0.002	0.003	0.004	0.003	0	0	0	0	---	---	12
13	---	0 B	0.003	0.003	0.004	---	0	0	0	0	---	---	13
14	---	0 B	0.002	0.003	0.004	---	0	0	0	0	---	---	14
15	---	0.001B	0.002	0.003	0.004	---	0	0	0	0	---	---	15
16	---	0.002B	0.003	0.003	0.009	---	0	0	0	0	---	---	16
17	---	0.003B	0.003	0.003	0.008	0.008	0	0	0	0	---	---	17
18	---	0.002B	0.004	0.003	0.006	0.006	0	0	0	0	---	---	18
19	---	0.004B	0.004	0.003	0.005	0.006	0	0	0	0	---	---	19
20	---	0.006B	0.003	0.003	0.004	0.005	0	0	0	0	---	---	20
21	---	0.004B	0.002	0.004	0.004	0.003	0	0	0	0	---	---	21
22	---	0.004B	0.003	0.005	0.004	0.004	0	0	0	0	---	---	22
23	---	0.003B	0.004	0.004	0.003	0.003	0	0	0	0	---	---	23
24	---	0.002B	0.003	0.004	0.002	0.003	0	0	0	0	---	---	24
25	---	0.002B	0.004	0.003	0.003	0.002	0	0	0	0	---	---	25
26	---	0.002B	0.003	0.003	0.003	0.001	0	0	0	0	---	---	26
27	---	0.002B	0.003	0.004	0.003	0	0	0	0	0	---	---	27
28	---	0.002B	0.004	0.003	0.002	0.003	0	0	0	0	---	---	28
29	---		0.004	0.003	0.002	0.003	0	0	0	0	---	---	29
30	---		0.006	0.003	0.002	0	0	0	0	0		---	30
31	---		0.007		0.002		0	0		0			31
TOTAL	---	0.039	0.092	0.101	0.128	---	0	0	0	0	---	---	TOTAL
MEAN	---	0.001	0.003	0.003	0.004	---	0	0	0	0	---	---	MEAN
MAX	---	0.006	0.007	0.005	0.009	---	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0.003	0.002	---	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUN 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 13 N
LONG 109 38 15 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	3.37	AUG	0
MAR	7.95	SEP	0
APR	8.73	OCT	0
MAY	11.1	NOV	---
JUN	---	DEC	---

REMARKS - JUN 13 TO 16 NOT COMPLETED. STAGE-DISCHARGE RELATION NOT DEFINED ABOVE 0.010 m³/s

GARDEN RIVER NEAR HENRIBOURG - STATION NO. 05GG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.521B	0.692	0.146	0	0	0	0	---	---	1
2	---	---	0 B	0.535B	0.636	0.134	0	0	0	0	---	---	2
3	---	---	0 B	0.824B	0.601	0.113	0	0	0	0	---	---	3
4	---	---	0 B	1.41 B	0.589	0.085	0	0	0	0	---	---	4
5	---	---	0 B	1.68 B	0.529	0.066	0	0	0	0	---	---	5
6	---	---	0 B	1.83 B	0.447	0.067	0	0	0	0	---	---	6
7	---	---	0 B	1.83 B	0.372	0.115	0	0	0	0	---	---	7
8	---	---	0 B	1.47 B	0.340	0.140	0	0	0	0	---	---	8
9	---	---	0 B	1.39 B	0.340	0.116	0	0	0	0	---	---	9
10	---	---	0 B	1.48 B	0.336	0.090	0	0	0	0	---	---	10
11	---	---	0 B	1.15 B	0.351	0.073	0	0	0	0	---	---	11
12	---	---	0 B	1.30 B	0.352	0.044	0	0	0	0	---	---	12
13	---	---	0 B	0.906B	0.310	0.018	0	0	0	0	---	---	13
14	---	---	0 B	0.819B	0.292	0	0	0	0	0	---	---	14
15	---	---	0 B	1.15 B	0.300	0	0	0	0	0	---	---	15
16	---	---	0 B	1.52 B	0.298	0	0	0	0	0	---	---	16
17	---	---	0.016B	1.50 B	0.312	0.027	0	0	0	0	---	---	17
18	---	---	0.065B	1.37 B	0.296	0	0	0	0	0	---	---	18
19	---	---	0.115B	1.32 B	0.266	0	0	0	0	0	---	---	19
20	---	---	0.115B	1.35	0.258	0	0	0	0	0	---	---	20
21	---	---	0.028B	1.31	0.210	0	0	0	0	0	---	---	21
22	---	---	0 B	1.31	0.180	0	0	0	0	0	---	---	22
23	---	---	0 B	1.13	0.160	0	0	0	0	0	---	---	23
24	---	---	0 B	0.871	0.157	0	0	0	0	0	---	---	24
25	---	---	0 B	0.826	0.162	0	0	0	0	0	---	---	25
26	---	---	0.028B	0.885	0.162	0	0	0	0	0	---	---	26
27	---	---	0.255B	0.865	0.164	0	0	0	0	0	---	---	27
28	---	---	0.345B	0.841	0.170	0	0	0	0	0	---	---	28
29	---		0.494B	0.860	0.163	0	0	0	0	0	---	---	29
30	---		0.633B	0.797	0.139	0	0	0	0	0	---	---	30
31	---		0.600B		0.138		0	0		0		---	31
TOTAL	---	---	2.694	35.050	9.722	1.234	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.087	1.17	0.314	0.041	0	0	0	0	---	---	MEAN
MAX	---	---	0.633	1.83	0.692	0.146	0	0	0	0	---	---	MAX
MIN	---	---	0	0.521	0.138	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.199
MAXIMUM DAILY, 1.83B ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.07B AT 10:54 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 23 38 N
LONG 105 36 39 W
DRAINAGE AREA, 903 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	233	SEP	0
APR	3 030	OCT	0
MAY	840	NOV	---
JUN	107	DEC	---

TOTAL DISCHARGE, 4 210 dam³

GEIKIE RIVER BELOW WHEELER RIVER - STATION NO. 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.9B	30.2B	31.3	33.1	54.3	77.1	46.6	29.5	20.7	19.4	20.5	22.3	1
2	30.5B	30.2B	31.4	33.4	57.5	75.2	46.4	29.0	20.5	19.3	20.8	22.4	2
3	30.3B	30.2B	31.7	33.4	60.5	73.5	46.2	28.6	20.5	19.5	21.0	22.3	3
4	30.3B	30.4B	31.9	33.3	64.0	71.6	45.3	28.5	20.3	19.5	21.3	22.1	4
5	30.3B	30.2B	31.8	33.3	69.4	69.7	44.1	28.0	20.2	19.4	21.7	22.0	5
6	30.3B	29.9B	31.7	33.5	77.5	67.1	42.8	27.8	20.1	19.4	21.7	21.8	6
7	30.1B	29.5B	31.9	33.9	88.0	64.9	41.7	27.0	19.6	19.1	22.1	21.6	7
8	30.1B	29.5B	31.9	34.0	99.7	63.8	42.2	26.5	19.6	18.9	20.1	21.0	8
9	29.9B	29.7B	32.0	33.8	107	62.6	43.6	26.4	19.6	18.5	20.3	19.9	9
10	29.8B	29.6B	32.2	33.5	111	61.9	42.5	26.1	19.6	18.8	20.3	19.3	10
11	29.6B	29.9B	32.2	33.2	111	60.9	41.6	25.2	19.6	19.4	20.5	19.4	11
12	29.5B	29.8B	32.1	33.3	111	60.1	40.7	24.9	19.6	19.4	21.1	19.1	12
13	29.4B	29.6B	32.0	32.8	112	59.2	40.2	24.8	19.5	19.6	21.7	18.9	13
14	29.8B	29.7B	32.0	32.3	110	58.2	39.6	24.5	19.4	19.9	21.8	18.7B	14
15	29.7B	29.7B	32.3	32.1	110	57.3	38.7	24.4	19.4	20.3	21.7	18.4B	15
16	29.5B	30.0B	32.9	32.3	109	55.8	38.1	24.2	19.7	20.4	21.0	18.4B	16
17	29.5B	30.1B	33.4	32.1	108	54.0	37.5	23.8	19.4	20.2	19.6	18.6B	17
18	29.6B	30.0B	33.9	32.1	106	53.3	36.6	23.6	19.2	20.5	18.1	18.8B	18
19	29.9B	30.2B	34.0	32.3	104	52.4	35.0	23.7	18.8	20.1	17.5	18.9B	19
20	30.0B	30.0B	34.1	32.5	103	51.8	34.7	23.7	18.4	20.3	17.7	19.1B	20
21	30.2B	30.3B	34.2	32.7	100	50.8	34.3	23.5	18.3	19.8	18.8	19.1B	21
22	30.2B	30.3B	34.4	32.8	97.6	49.9	33.4	23.2	18.2	19.2	20.4	18.8B	22
23	30.2B	30.3B	34.4	33.5	96.9	50.3	32.9	23.1	18.6	18.6	21.6	18.4B	23
24	30.1B	30.5B	34.4	34.8	95.3	50.6	32.4	23.0	19.2	18.3	22.2	18.0B	24
25	30.1B	31.1B	34.0	37.4	92.9	50.5	32.2	22.9	19.4	18.1	22.3	17.8B	25
26	30.0B	31.3B	33.6	40.2	90.6	49.8	32.3	22.8	19.3	18.1	22.3	17.7B	26
27	29.9B	31.4B	33.3	43.4	87.4	49.3	32.1	22.6	19.3	18.1	22.2	17.6B	27
28	30.0B	31.4B	33.1	47.0	85.3	49.0	31.9	22.2	19.3	18.2	22.3	17.1B	28
29	30.1B		33.1	49.4	82.6	48.6	31.1	21.6	19.4	18.4	22.3	17.0B	29
30	30.2B		33.2	51.7	80.4	48.1	30.5	21.0	19.4	19.0	22.3	16.6B	30
31	30.2B		32.9		79.1		29.8	21.0		19.6		16.4B	31
TOTAL	930.2	845.0	1 017.3	1 063.1	2 861.0	1 747.3	1 176.6	767.1	584.1	597.3	627.2	597.5	TOTAL
MEAN	30.0	30.2	32.8	35.4	92.3	58.2	38.0	24.7	19.5	19.3	20.9	19.3	MEAN
MAX	30.9	31.4	34.4	51.7	112	77.1	46.6	29.5	20.7	20.5	22.3	22.4	MAX
MIN	29.4	29.5	31.3	32.1	54.3	48.1	29.8	21.0	18.2	18.1	17.5	16.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.1
MAXIMUM DAILY, 112 ON MAY 13
MINIMUM DAILY, 16.4B ON DEC 31
MAXIMUM INSTANTANEOUS,
112 AT 11:30 CST ON MAY 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 35 20 N
LONG 104 12 10 W
DRAINAGE AREA, 7 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 400	JUL	102 000
FEB	73 000	AUG	66 300
MAR	87 900	SEP	50 500
APR	91 900	OCT	51 600
MAY	247 000	NOV	54 200
JUN	151 000	DEC	51 600

TOTAL DISCHARGE, 1 110 000 dam³

GIBSON CREEK NEAR RADVILLE - STATION NO. 05HA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.057	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.050	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.044	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.036	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.029	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.025	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.021	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.018	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.015	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.013	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.010	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.008	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.006	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.004	0	0	0.008	0	0	0	0	---	---	14
15	---	0 B	0.002	0	0	0.306	0	0	0	0	---	---	15
16	---	0 B	0	0	0	0.109	0	0	0	0	---	---	16
17	---	0 B	0	0	0	0.013	0	0	0	0	---	---	17
18	---	0.010B	0	0	0	0.001	0	0	0	0	---	---	18
19	---	0.088B	0	0	0	0	0	0	0	0	---	---	19
20	---	0.500B	0	0	0	0	0	0	0	0	---	---	20
21	---	0.191B	0	0	0	0	0	0	0	0	---	---	21
22	---	0.197B	0	0	0	0	0	0	0	0	---	---	22
23	---	0.111B	0	0	0	0	0	0	0	0	---	---	23
24	---	0.119B	0	0	0	0	0	0	0	0	---	---	24
25	---	0.141B	0	0	0	0	0	0	0	0	---	---	25
26	---	0.110B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.087B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.070B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0		0		---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	1.624	0.338	0	0	0.437	0	0	0	0	---	---	TOTAL
MEAN	---	0.058	0.011	0	0	0.015	0	0	0	0	---	---	MEAN
MAX	---	0.500	0.057	0	0	0.306	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.306 ON JUN 15
MINIMUM DAILY, 0 ON MAR 16
MAXIMUM INSTANTANEOUS,
1.01 AT 14:40 CST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 02 N
LONG 104 20 11 W
DRAINAGE AREA, 528 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	140	AUG	0
MAR	29.2	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	37.8	DEC	---

TOTAL DISCHARGE, 67.0 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

GIRARD CREEK NEAR CORONACH - STATION NO. 11AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.242	0.120	0.093	0.138	0.183	0.093	0.097	0.097	0.105	---	1
2	---	---	0.209	0.129	0.123	0.127	0.196	0.080	0.106	0.074	0.108A	---	2
3	---	---	0.199	0.118	0.121	0.120	0.200	0.093	0.105	0.070	---	---	3
4	---	---	0.184	0.116	0.123	0.125	0.177	0.091	0.108	0.074	---	---	4
5	---	---	0.179	0.116	0.130	0.130	0.202	0.099	0.111	0.081	---	---	5
6	---	---	0.175	0.118	0.128	0.130	0.234	0.127	0.112	0.082	---	---	6
7	---	---	0.172	0.115	0.140	0.135	0.211	0.092	0.116	0.086	---	---	7
8	---	---	0.168	0.113	0.141	0.152	0.222	0.082	0.116	0.106	---	---	8
9	---	---	0.167	0.116	0.130	0.152	0.224	0.075	0.124	0.123	---	---	9
10	---	---	0.161	0.116	0.127	0.150	0.223	0.087	0.121	0.109	---	---	10
11	---	---	0.160	0.116	0.122	0.148	0.224	0.081	0.132	0.108	---	---	11
12	---	---	0.157	0.117	0.119	0.147	0.234	0.086	0.137	0.138	---	---	12
13	---	---	0.159	0.115	0.116	0.184	0.236	0.090	0.121	0.149	---	---	13
14	---	---	0.150	0.114	0.118	0.185	0.268	0.099	0.105	0.132	---	---	14
15	---	---	0.145	0.114	0.115	0.163	0.219	0.107	0.086	0.144	---	---	15
16	---	---	0.137	0.114	0.119	0.153	0.181	0.104	0.091	0.138	---	---	16
17	---	---	0.131	0.113	0.115	0.142	0.166	0.097	0.103	0.139	---	---	17
18	---	---	0.105	0.118	0.121	0.126	0.136	0.099	0.100	0.145	---	---	18
19	---	0.958A	0.107	0.121	0.114	0.123	0.103	0.100	0.102	0.160	---	---	19
20	---	1.31	0.135	0.123	0.108	0.125	0.100	0.101	0.109	0.103	---	---	20
21	---	0.763	0.186	0.131	0.115	0.135	0.091	0.098	0.106	0.104	---	---	21
22	---	0.656	0.132	0.122	0.115	0.128	0.091	0.076	0.103	0.104	---	---	22
23	---	0.550	0.129	0.118	0.113	0.139	0.106	0.073	0.139	0.134	---	---	23
24	---	0.418	0.122	0.120	0.115	0.136	0.103	0.064	0.094	0.112	---	---	24
25	---	0.301	0.121	0.122	0.117	0.134	0.097	0.097	0.100	0.110	---	---	25
26	---	0.273	0.123	0.120	0.117	0.142	0.093	0.101	0.106	0.115	---	---	26
27	---	0.304	0.120	0.121	0.114	0.151	0.096	0.114	0.101	0.111	---	---	27
28	---	0.231	0.119	0.128	0.122	0.160	0.096	0.094	0.118	0.110	---	---	28
29	---		0.118	0.087	0.119	0.158	0.097	0.092	0.103	0.110	---	---	29
30	---		0.119	0.084	0.119	0.169	0.092	0.083	0.105	0.106	---	---	30
31	---		0.127		0.120		0.095	0.080		0.105		---	31
TOTAL	---	---	4.658	3.495	3.705	4.307	4.996	2.855	3.277	3.479	---	---	TOTAL
MEAN	---	---	0.150	0.117	0.120	0.144	0.161	0.092	0.109	0.112	---	---	MEAN
MAX	---	---	0.242	0.131	0.141	0.185	0.268	0.127	0.139	0.160	---	---	MAX
MIN	---	---	0.105	0.084	0.093	0.120	0.091	0.064	0.086	0.070	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 0.268 ON JUL 14
MINIMUM DAILY, 0.064 ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 45 N
LONG 105 33 52 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	432
FEB	---	AUG	247
MAR	402	SEP	283
APR	302	OCT	301
MAY	320	NOV	---
JUN	372	DEC	---

TOTAL DISCHARGE, 2 660 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED BEFORE FEB 19

GOOD SPIRIT LAKE NEAR CANORA - STATION NO. 05MB010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	484.536	484.544	484.499E	484.555E	484.511E	484.411E	484.373E	---	---	1
2	---	---	---	484.544	484.543E	484.495	484.560E	484.510E	484.402E	484.372E	---	---	2
3	---	---	---	484.544E	484.542E	484.497E	484.565	484.510	484.394E	484.371E	---	---	3
4	---	---	---	484.543E	484.540E	484.498E	484.563E	484.502E	484.386	484.370E	---	---	4
5	---	---	---	484.543E	484.539E	484.500E	484.560E	484.494	484.390	484.369E	---	---	5
6	---	---	---	484.542	484.538	484.502	484.557E	484.491E	484.389E	484.368	---	---	6
7	---	---	---	484.542E	484.538E	484.501E	484.554	484.489E	484.388E	484.360	---	---	7
8	---	---	---	484.541E	484.538E	484.500	484.547E	484.487E	484.387E	484.363E	---	---	8
9	---	---	---	484.541E	484.538	484.494E	484.540E	484.484E	484.387E	484.366	---	---	9
10	---	---	---	484.541E	484.532E	484.489E	484.534E	484.482	484.386E	484.372E	---	---	10
11	---	---	---	484.540E	484.526E	484.483E	484.527E	484.477E	484.385E	484.378E	---	---	11
12	---	---	---	484.540E	484.520E	484.478	484.520	484.472E	484.384	484.384E	---	---	12
13	---	---	---	484.539E	484.523	484.493E	484.525E	484.467E	484.375E	484.390E	---	---	13
14	---	---	---	484.539E	484.518	484.508E	484.530E	484.462E	484.366	484.396E	---	---	14
15	---	---	---	484.539E	484.513E	484.523E	484.534E	484.457E	484.366E	484.402	---	---	15
16	---	---	---	484.538E	484.507E	484.538	484.539E	484.452	484.365	484.402E	---	---	16
17	---	---	---	484.538	484.501E	484.539E	484.544E	484.452E	484.362E	484.402E	---	---	17
18	---	---	---	484.540E	484.494	484.540E	484.548	484.451	484.359E	484.402E	---	---	18
19	---	---	---	484.542	484.493E	484.540E	484.545E	484.473	484.356E	484.402E	---	---	19
20	---	---	---	484.541E	484.492E	484.541E	484.541E	484.470E	484.353E	484.401E	---	---	20
21	---	---	---	484.539E	484.491E	484.542E	484.538E	484.468E	484.351E	484.401E	---	---	21
22	---	---	---	484.538	484.491E	484.543	484.534E	484.466E	484.348E	484.401E	---	---	22
23	---	---	---	484.539E	484.490E	484.549E	484.531	484.464E	484.345	484.401E	---	---	23
24	---	484.540	---	484.539E	484.489E	484.556E	484.528E	484.462E	484.349E	484.401E	---	---	24
25	---	---	---	484.540E	484.488E	484.562E	484.526E	484.459E	484.353E	484.401E	---	---	25
26	---	---	---	484.541E	484.487	484.569	484.523	484.457	484.357E	484.401E	---	---	26
27	---	---	---	484.541E	484.492E	484.564E	484.521E	484.450E	484.361E	484.401E	---	---	27
28	---	---	---	484.542E	484.497E	484.559E	484.518E	484.442E	484.365E	484.400E	---	---	28
29	---		---	484.543E	484.502E	484.554E	484.516E	484.435E	484.369E	484.400E	---	---	29
30	---		---	484.543E	484.507	484.549	484.514E	484.427	484.374	484.400E	---	---	30
31	---		---		484.503E		484.511	484.419E		484.400		---	31
MEAN	---	---	---	484.541	484.513	484.524	484.537	484.469	484.372	484.389	---	---	MEAN
MAX	---	---	---	484.544	484.544	484.569	484.565	484.511	484.411	484.402	---	---	MAX
MIN	---	---	---	484.536	484.487	484.478	484.511	484.419	484.345	484.360	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 484.569 ON JUN 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 30 08 N
LONG 102 39 22 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - RECORDS PRIOR TO 1979 COLLECTED IN SW16-29-05-W2

GOOSEHUNTING CREEK NEAR BEATTY - STATION NO. 05KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.006B	0.052	0	0	0	0	0	0	---	1
2	---	---	0 B	0.005B	0.047	0	0	0	0	0	0	---	2
3	---	---	0 B	0.004B	0.053	0	0	0	0	0	0	---	3
4	---	---	0 B	0.004B	0.041	0	0	0	0	0	0	---	4
5	---	---	0 B	0.005B	0.030	0	0	0	0	0	---	---	5
6	---	---	0 B	0.006	0.021	0	0	0	0	0	---	---	6
7	---	---	0 B	0.012	0.014	0	0	0	0	0	---	---	7
8	---	---	0 B	0.007	0.006	0	0	0	0	0	---	---	8
9	---	---	0 B	0.012	0.001	0	0	0	0	0	---	---	9
10	---	---	0 B	0.036	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.061	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.060	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.059	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.041	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.012	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.004	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.002	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.005	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.006	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.022	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.010	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.006	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.019	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.011	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0.003	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0.008	0	0	0	0	0	0	---	---	27
28	---	---	0.001B	0.025	0	0	0	0	0	0	---	---	28
29	---		0.003B	0.040	0	0	0	0	0	0	---	---	29
30	---		0.007B	0.053	0	0	0	0	0	0	---	---	30
31	---		0.006B		0		0	0		0		---	31
TOTAL	---	---	0.017	0.545	0.265	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.018	0.009	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.007	0.061	0.053	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.061 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.071 AT 21:49 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 45 W
LONG 104 51 07 W
DRAINAGE AREA, 515 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.47	SEP	0
APR	47.1	OCT	0
MAY	22.9	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 71.5 dam³

GREASE RIVER BELOW FONTAINE LAKE - STATION NO. 07LE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.40E	8.27E	8.20E	8.42E	8.83	13.8E	20.0E	16.7E	14.7	11.7	10.6	11.5A	1
2	8.39E	8.27E	8.20E	8.46E	9.12	14.1E	19.9E	16.6E	14.6	12.0	10.6	11.5E	2
3	8.38E	8.27E	8.20E	8.50E	9.24	14.4E	19.9E	16.5E	14.2A	12.1A	10.5	11.5E	3
4	8.37E	8.27E	8.21E	8.55E	9.43	14.8E	19.8E	16.5E	14.1A	12.0A	10.7	11.5A	4
5	8.36E	8.27E	8.21E	8.60E	9.64	15.0E	19.8E	16.4A	14.0A	12.0A	10.7	11.6E	5
6	8.36E	8.26E	8.21E	8.65E	9.95	15.2E	19.7E	16.4	13.9	11.9A	10.8	11.6E	6
7	8.35E	8.26E	8.21E	8.70E	10.3	15.8E	19.5E	16.5	13.7	11.7A	10.8	11.5E	7
8	8.35E	8.26E	8.22E	8.75E	10.2	16.0E	19.4E	16.4	13.6	11.6	10.7A	11.5E	8
9	8.35E	8.26E	8.22E	8.80E	10.2	16.2E	19.3E	16.3	13.6	11.5	10.6A	11.5E	9
10	8.34E	8.26E	8.22E	8.86A	10.1	16.7E	19.2E	16.3	13.4	11.5	10.6	11.5E	10
11	8.33E	8.25E	8.22E	9.05A	10.1	17.0E	19.0E	16.1	13.3	11.5	10.5	11.4E	11
12	8.32E	8.25E	8.23E	9.09A	10.2	17.4E	18.9E	16.1	13.5	11.5	10.5	11.4E	12
13	8.31E	8.25E	8.23E	9.09E	10.4	17.9E	18.8E	16.3	13.7	11.5	10.7	11.4E	13
14	8.30E	8.25E	8.23E	9.07E	10.4	18.1E	18.7E	16.1	13.7	11.5	10.7A	11.4E	14
15	8.30E	8.25E	8.23E	9.06E	10.3	18.4E	18.6E	16.0	13.6A	11.5	10.7A	11.3B	15
16	8.30E	8.25E	8.24E	9.06A	10.3	18.6E	18.5E	16.1	13.5	11.7	10.7A	11.3B	16
17	8.30E	8.25A	8.24E	9.06E	10.2	19.0E	18.4E	15.9	13.5	11.6	10.6E	11.3B	17
18	8.30E	8.25E	8.24E	9.08A	10.2	19.2E	18.3E	15.9	13.4	11.4	10.5E	11.3B	18
19	8.30E	8.24E	8.25E	9.09A	10.3	19.4E	18.2E	15.7	13.2	11.4	10.5A	11.3B	19
20	8.30E	8.24E	8.25E	8.97	10.4	19.5E	18.0E	15.7	13.0	11.2A	10.6	11.2B	20
21	8.29E	8.23E	8.25E	8.87	10.5	19.6E	17.8E	15.6	12.9	11.0	10.6	11.2B	21
22	8.29E	8.23E	8.26E	8.85	10.6 E	19.7E	17.6E	15.6	12.8	10.9	10.7	11.2B	22
23	8.29E	8.23E	8.26E	8.86	10.7 E	19.8E	17.4E	15.5	12.8	10.8	10.8	11.2B	23
24	8.29E	8.22E	8.27E	8.90	10.9 E	19.8E	17.3E	15.5	12.5A	10.8	10.8	11.2B	24
25	8.29E	8.22E	8.27E	8.87	11.1 E	19.8E	17.2E	15.4	12.6	10.6	10.8E	11.1B	25
26	8.28E	8.21E	8.28E	8.88	11.3 E	19.9E	17.1E	15.3	12.4	10.4A	10.8A	11.1B	26
27	8.28E	8.21E	8.28E	8.83	11.6 E	19.9E	17.0E	15.3	12.4A	10.4A	10.8	11.1B	27
28	8.28E	8.20E	8.29E	8.77	12.1 E	19.9E	17.0E	15.2	12.1A	10.3	10.9A	11.1B	28
29	8.28E		8.30E	8.76	12.3 E	19.9E	16.9E	15.1	11.9A	10.4	11.1	11.1B	29
30	8.28E		8.36E	8.77	12.9 E	20.0E	16.9E	14.9	11.7A	10.6	11.4	11.0B	30
31	8.28E		8.40E		13.2 E		16.8E	14.9		10.6		11.0B	31
TOTAL	257.84	230.88	255.68	265.27	327.21	534.8	570.9	492.8	398.3	349.6	321.3	350.8	TOTAL
MEAN	8.32	8.25	8.25	8.84	10.6	17.8	18.4	15.9	13.3	11.3	10.7	11.3	MEAN
MAX	8.40	8.27	8.40	9.09	13.2	20.0	20.0	16.7	14.7	12.1	11.4	11.6	MAX
MIN	8.28	8.20	8.20	8.42	8.83	13.8	16.8	14.9	11.7	10.3	10.5	11.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.9
MAXIMUM DAILY, 20.0E ON JUN 30
MINIMUM DAILY, 8.20E ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 32 50 N
LONG 106 24 40 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 300	JUL	49 300
FEB	19 900	AUG	42 600
MAR	22 100	SEP	34 400
APR	22 900	OCT	30 200
MAY	28 300	NOV	27 800
JUN	46 200	DEC	30 300

TOTAL DISCHARGE, 376 000 dam³

GREENLEIGH RESERVOIR NEAR BICKLEIGH - STATION NO. 05HF016

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	644.112	644.465	644.391	644.228	644.119	644.048	643.833	643.683	643.623	---	1
2	---	---	644.128	644.465	644.383	644.225	644.120	644.042	643.828	643.679	643.624A	---	2
3	---	---	644.160	644.465	644.380	644.219	644.111	644.037	643.825	643.671	---	---	3
4	---	---	644.231	644.463	644.377	644.214	644.104	644.032	643.821	643.665	---	---	4
5	---	---	644.291	644.462	644.371	644.206	644.096	644.029	643.818	643.661	---	---	5
6	---	---	644.318	644.463	644.370	644.199	644.089	644.023	643.815	643.658	---	---	6
7	---	---	644.326	644.460	644.365	644.198	644.088	644.013	643.809	643.657	---	---	7
8	---	---	644.332	644.457	644.363	644.197	644.081	644.005	643.804	643.656	---	---	8
9	---	---	644.331	644.456	644.360	644.194	644.071	643.997	643.798	643.653	---	---	9
10	---	---	644.338	644.456	644.365	644.186	644.065	643.987	643.788	643.649	---	---	10
11	---	---	644.362	644.454	644.364	644.180	644.056	643.977	643.778	643.653	---	---	11
12	---	---	644.395	644.451	644.361	644.172	644.052	643.970	643.770	643.660	---	---	12
13	---	---	644.422	644.445	644.360	644.176	644.044	643.962	643.764	643.659	---	---	13
14	---	---	644.440	644.445	644.356	644.198	644.037	643.953	643.759	643.659	---	---	14
15	---	---	644.453	644.444	644.347	644.204	644.030	643.947	643.755	643.659	---	---	15
16	---	---	644.460	644.443	644.341	644.199	644.029	643.940	643.748	643.656	---	---	16
17	---	---	644.462	644.439	644.337	644.192	644.025	643.934	643.742	643.653	---	---	17
18	---	---	644.464	644.436	644.334	644.191	644.023	643.931	643.737	643.652	---	---	18
19	---	---	644.464	644.432	644.327	644.187	644.015	643.927	643.732	643.649	---	---	19
20	---	---	644.462	644.427	644.319	644.186	644.009	643.919	643.726	643.644	---	---	20
21	---	---	644.462	644.422	644.313	644.180	644.023	643.911	643.720	643.640	---	---	21
22	---	---	644.461	644.420	644.301	644.172	644.077	643.905	643.718	643.637	---	---	22
23	---	---	644.461	644.419	644.292	644.167	644.078	643.902	643.718	643.635	---	---	23
24	---	---	644.462	644.416	644.282	644.162	644.073	643.896	643.716	643.633	---	---	24
25	---	---	644.462	644.412	644.275	644.154	644.067	643.890	643.714	643.631	---	---	25
26	---	644.097A	644.460	644.407	644.263	644.149	644.062	643.882	643.712	643.631	---	---	26
27	---	644.095	644.462	644.405	644.252	644.141	644.056	643.874	643.710	643.630	---	---	27
28	---	644.099	644.465	644.400	644.243	644.136	644.051	643.864	643.703	643.631	---	---	28
29	---		644.466	644.396	644.240	644.129	644.056	643.852	643.694	643.630	---	---	29
30	---		644.464	644.394	644.235	644.122	644.059	643.845	643.688	643.628	---	---	30
31	---		644.465		644.229		644.051	643.836		643.626		---	31
MEAN	---	---	644.388	644.437	644.326	644.182	644.062	643.946	643.758	643.649	---	---	MEAN
MAX	---	---	644.466	644.465	644.391	644.228	644.120	644.048	643.833	643.683	---	---	MAX
MIN	---	---	644.112	644.394	644.229	644.122	644.009	643.836	643.688	643.626	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 644.466 ON MAR 29

MAXIMUM INSTANTANEOUS,
644.469 AT 22:01 CST ON MAR 29

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W

A - MANUAL GAUGE

REGULATED

GREENWATER LAKE NEAR CHELAN - STATION NO. 05LB011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	532.692	532.715E	532.681	532.677E	532.617E	532.554E	532.535E	532.572	---	1
2	---	---	---	532.693E	532.715E	532.677E	532.676E	532.615E	532.551E	532.535E	532.573E	---	2
3	---	---	---	532.694E	532.715E	532.672E	532.679	532.614	532.548E	532.535E	532.573E	---	3
4	---	---	---	532.695E	532.716E	532.669E	532.678E	532.615E	532.544E	532.534E	532.574E	---	4
5	---	---	---	532.696E	532.716E	532.663	532.677	532.616	532.541E	532.534	532.574	---	5
6	---	---	---	532.697E	532.717E	532.662E	532.672E	532.614E	532.538	532.530E	532.573E	---	6
7	---	---	---	532.698	532.717E	532.661	532.667	532.612	532.536	532.525E	532.571E	---	7
8	---	---	---	532.699E	532.718E	532.660E	532.662E	532.608E	532.532E	532.521	532.570E	---	8
9	---	---	---	532.700E	532.718E	532.659E	532.656E	532.605E	532.529E	532.522	532.568E	---	9
10	---	---	---	532.700E	532.719E	532.657	532.651E	532.602E	532.526	532.528E	532.567E	---	10
11	---	---	---	532.701E	532.719	532.658E	532.645E	532.599E	532.523E	532.534E	532.565E	---	11
12	---	---	---	532.702E	532.718	532.659E	532.639	532.595E	532.519E	532.540E	532.564	---	12
13	---	---	---	532.703E	532.712	532.659E	532.638E	532.592E	532.516E	532.546E	---	---	13
14	---	---	---	532.703E	532.714E	532.660E	532.637	532.589E	532.513E	532.552E	---	---	14
15	---	---	---	532.704E	532.715	532.661E	532.644E	532.585E	532.510	532.558E	---	---	15
16	---	---	---	532.705	532.708E	532.662E	532.651E	532.582E	532.503	532.564E	---	---	16
17	---	---	---	532.706E	532.701	532.662E	532.657	532.579E	532.505E	532.570	---	---	17
18	---	---	---	532.707E	532.699	532.663	532.653E	532.576	532.508E	532.571E	---	---	18
19	---	---	---	532.708E	532.696E	532.666E	532.649	532.574E	532.510E	532.572E	---	---	19
20	---	---	---	532.708E	532.694E	532.669E	532.647E	532.572E	532.513E	532.573E	---	---	20
21	---	---	---	532.709E	532.691E	532.672E	532.645E	532.570	532.516E	532.574	---	---	21
22	---	---	---	532.710E	532.688E	532.675	532.642E	532.577E	532.518E	532.574E	---	---	22
23	---	532.673	---	532.711	532.686E	532.680E	532.640E	532.584E	532.521E	532.573E	---	---	23
24	---	---	---	532.711E	532.683	532.685E	532.637	532.592	532.523E	532.573E	---	---	24
25	---	---	---	532.712E	532.685E	532.689	532.629	532.588	532.526E	532.572E	---	---	25
26	---	---	---	532.712E	532.686E	532.686E	532.626	532.582E	532.528E	532.572E	---	---	26
27	---	---	---	532.713E	532.688E	532.683E	532.624E	532.577E	532.531E	532.572E	---	---	27
28	---	---	---	532.713E	532.690E	532.679	532.623E	532.572	532.533E	532.571E	---	---	28
29	---		---	532.714E	532.691	532.677E	532.621E	532.567E	532.536	532.571E	---	---	29
30	---		---	532.714E	532.688E	532.675	532.620E	532.562E	532.536E	532.570E	---	---	30
31	---		---		532.684E		532.618E	532.558		532.570E		---	31
MEAN	---	---	---	532.704	532.703	532.669	532.648	532.590	532.526	532.554	---	---	MEAN
MAX	---	---	---	532.714	532.719	532.689	532.679	532.617	532.554	532.574	---	---	MAX
MIN	---	---	---	532.692	532.683	532.657	532.618	532.558	532.503	532.521	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 532.719E ON MAY 10
MINIMUM DAILY, 532.503 ON SEP 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 44 N
LONG 103 31 20 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAPPYLAND CREEK NEAR FOX VALLEY - STATION NO. 05HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0	---	2
3	---	---	0	0	0	0	0	0	0	0	0	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 57 N
LONG 109 32 27 W
DRAINAGE AREA, 54.6 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

REMARKS - DATA PREVIOUSLY PUBLISHED UNDER THE NAME "COULEE NEAR FOX VALLEY"

HARRIS RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA074

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	853.361	853.389	853.203	850.464	851.627	851.493	851.224	851.071	850.906	---	1
2	---	---	853.364	853.397	853.140	850.464	851.623	851.491	851.216	851.062	850.907	---	2
3	---	---	853.362	853.401	853.085	850.460	851.618	851.485	851.218	851.056	850.896	---	3
4	---	---	853.362	853.397	853.038	850.462	851.614	851.471	851.214	851.053	850.888A	---	4
5	---	---	853.360	853.404	852.977	850.462	851.608	851.457	851.209	851.051	---	---	5
6	---	---	853.355	853.396	852.881	850.461	851.594	851.452	851.199	851.053	---	---	6
7	---	---	853.359	853.398	852.758	850.461	851.587	851.448	851.195	851.030	---	---	7
8	---	---	853.359	853.396	852.622	850.455	851.574	851.446	851.194	850.924	---	---	8
9	---	---	853.356	853.396	852.479	850.482	851.577	851.442	851.186	850.900	---	---	9
10	---	---	853.361	853.392	852.320	850.484	851.574	851.431	851.181	850.895	---	---	10
11	---	---	853.358	853.392	852.165	850.487	851.543	851.425	851.176	850.905	---	---	11
12	---	---	853.358	853.378	851.998	850.485	851.536	851.422	851.166	850.913	---	---	12
13	---	---	853.359	853.378	851.822	850.509	851.552	851.410	851.161	850.913	---	---	13
14	---	---	853.349	853.383	851.625	850.659	851.553	851.406	851.158	850.917	---	---	14
15	---	---	853.354	853.385	851.383	851.347	851.550	851.399	851.158	850.919	---	---	15
16	---	---	853.356	853.383	851.094	851.557	851.551	851.391	851.150	850.918	---	---	16
17	---	---	853.348	853.378	850.761	851.595	851.558	851.385	851.142	850.913	---	---	17
18	---	853.157A	853.351	853.374	850.547	851.622	851.554	851.378	851.137	850.914	---	---	18
19	---	853.228	853.349	853.376	850.505	851.630	851.549	851.378	851.127	850.911	---	---	19
20	---	853.273	853.340	853.365	850.502	851.633	851.540	851.367	851.109	850.904	---	---	20
21	---	853.308	853.340	853.354	850.498	851.632	851.534	851.354	851.104	850.898	---	---	21
22	---	853.328	853.346	853.353	850.492	851.631	851.526	851.352	851.096	850.898	---	---	22
23	---	853.345	853.342	853.354	850.481	851.627	851.516	851.346	851.090	850.900	---	---	23
24	---	853.352	853.342	853.350	850.478	851.633	851.523	851.341	851.092	850.897	---	---	24
25	---	853.356	853.349	853.340	850.477	851.642	851.536	851.340	851.088	850.906	---	---	25
26	---	853.357	853.348	853.318	850.478	851.651	851.531	851.329	851.082	850.899	---	---	26
27	---	853.352	853.337	853.295	850.479	851.639	851.527	851.288	851.085	850.906	---	---	27
28	---	853.358	853.343	853.265	850.473	851.638	851.516	851.251	851.081	850.905	---	---	28
29	---		853.341	853.241	850.472	851.639	851.512	851.233	851.075	850.899	---	---	29
30	---		853.339	853.225	850.472	851.633	851.500	851.222	851.073	850.899	---	---	30
31	---		853.357		850.465		851.497	851.224		850.902		---	31
MEAN	---	---	853.352	853.362	851.489	851.085	851.555	851.382	851.146	850.940	---	---	MEAN
MAX	---	---	853.364	853.404	853.203	851.651	851.627	851.493	851.224	851.071	---	---	MAX
MIN	---	---	853.337	853.225	850.465	850.455	851.497	851.222	851.073	850.895	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 853.404 ON APR 5
MINIMUM DAILY, 850.455 ON JUN 8
MAXIMUM INSTANTANEOUS,
853.409 AT 15:16 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 03 N
LONG 109 30 25 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

HAULTAIN RIVER ABOVE NORBERT RIVER - STATION NO. 06BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.28B	7.21B	6.39B	5.75B	28.9B	21.0E	15.3	9.80	7.54	6.73	7.55B	7.30B	1
2	8.24B	6.84B	6.11B	5.44B	31.9B	20.2E	15.2	9.57	7.47	6.78	7.50B	7.20B	2
3	8.38B	7.04B	6.41B	5.36B	31.4B	19.6A	14.9	9.48	7.23	6.82	7.46B	7.15B	3
4	8.81B	6.60B	6.22B	5.25B	33.4	19.1	14.7	9.43	7.10	6.84	7.45B	7.05B	4
5	8.53B	6.72B	6.17B	5.24B	35.5	18.7	14.2	9.40	7.90	6.84	7.53B	6.90B	5
6	8.24B	6.72B	6.20B	5.30B	36.2	18.3	13.9	9.28	6.75	6.76	7.14B	6.70B	6
7	8.82B	6.19B	6.42B	5.40B	36.7	18.2	13.9	9.10	6.65	6.76	7.10B	6.50B	7
8	8.86B	5.96B	6.51B	5.22B	37.4	19.4	14.1	8.85	6.53	6.66	6.29B	6.36B	8
9	8.63B	6.02B	6.52B	5.20B	38.0	20.3	15.0	8.64	6.41	6.71	5.80B	6.14B	9
10	8.42B	5.91B	6.53B	5.19B	38.2	20.5	15.3	8.46	6.29	6.97	5.50B	6.41B	10
11	8.44B	5.75B	6.56B	5.25B	38.2	20.3	15.1	8.22	6.26	7.27	5.40B	6.26B	11
12	8.00B	5.52B	6.62B	5.36B	38.2	20.0	14.8	7.94	6.16	7.48	6.00B	6.20B	12
13	8.88B	5.48B	6.44B	5.35B	38.1	19.3	14.4	7.80	6.12	7.54	6.30B	6.29B	13
14	9.09B	5.34B	6.55B	5.28B	37.6	18.6	13.9	7.72	6.07	7.58	6.40B	6.40B	14
15	9.32B	5.33B	6.44B	5.38B	36.3	18.2	13.5	7.52	6.08	7.61	6.45B	6.43B	15
16	9.35B	5.52B	6.40B	5.39B	35.4	17.9	13.2	7.50	6.00	7.71	6.50B	6.41B	16
17	8.97B	6.01B	6.45B	5.33B	34.6	17.8	12.9	7.37	6.02	7.88	6.55B	6.30B	17
18	8.31B	6.24B	6.08B	5.20B	33.7	17.6	12.7	7.78	6.02	7.92	6.60B	6.20B	18
19	8.17B	6.33B	5.83B	5.14B	33.2	16.9	12.3	8.19	5.84	8.00	6.65B	6.17B	19
20	8.27B	6.55B	5.70B	5.17B	32.6	16.9	11.8	8.26	5.64	7.62B	6.70B	6.25B	20
21	8.24B	6.71B	5.52B	5.22B	31.6	16.8	11.4	8.16	5.50	6.35B	6.75B	6.38B	21
22	8.37B	6.56B	5.59B	5.51B	30.5	16.6	11.2	8.10	5.60	7.04B	6.80B	6.39B	22
23	8.30B	6.55B	5.74B	6.33B	29.5	16.6	11.3	7.93	6.20	7.12B	6.85B	6.38B	23
24	8.35B	6.45B	6.01B	7.11B	28.7	16.8	11.1	7.78	6.58	7.60B	6.90B	6.48B	24
25	8.53B	6.37B	6.23B	8.32B	27.6A	16.9	10.8	7.73	6.81	7.32B	7.00B	6.56B	25
26	8.34B	6.40B	6.36B	10.5 B	26.6E	16.9	10.5	7.65	6.87	7.22B	7.10B	6.55B	26
27	7.71B	6.48B	6.58B	13.5 B	25.6E	16.8	10.3	7.50	6.89	7.31B	7.15B	6.66B	27
28	7.71B	6.53B	6.49B	17.4 B	24.6E	16.3	10.2	7.36	6.83	7.39B	7.20B	6.64B	28
29	7.47B		6.41B	22.7 B	23.7E	15.9	10.2	7.20	6.77	7.52B	7.30B	6.53B	29
30	7.34B		6.37B	26.7 B	22.7E	15.5	10.2	7.29	6.72	7.60B	7.40B	6.27B	30
31	7.43B		6.09B		21.8A		10.0	7.49		7.57B		6.17B	31
TOTAL	259.80	175.33	193.94	229.49	998.4	543.9	398.3	254.50	193.85	224.52	203.32	201.63	TOTAL
MEAN	8.38	6.26	6.26	7.65	32.2	18.1	12.8	8.21	6.46	7.24	6.78	6.50	MEAN
MAX	9.35	7.21	6.62	26.7	38.2	21.0	15.3	9.80	7.54	8.00	7.55	7.30	MAX
MIN	7.34	5.33	5.52	5.14	21.8	15.5	10.0	7.20	5.50	6.35	5.40	6.14	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 38.2 ON MAY 10
MINIMUM DAILY, 5.14B ON APR 19
MAXIMUM INSTANTANEOUS,
38.5 AT 02:35 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 40 N
LONG 106 33 40 W
DRAINAGE AREA, 3 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 400	JUL	34 400
FEB	15 100	AUG	22 000
MAR	16 800	SEP	16 700
APR	19 800	OCT	19 400
MAY	86 300	NOV	17 600
JUN	47 000	DEC	17 400

TOTAL DISCHARGE, 335 000 dam³

MAY MEADOW CREEK NEAR LISIEUX - STATION NO. 11AE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.075A	0.134	0.062	0.067	0.044	0.019	0.017	0.022	0.044	---	1
2	---	---	0.060A	0.124	0.062	0.072	0.034	0.016	0.019	0.019	0.041A	---	2
3	---	---	0.054A	0.115	0.064	0.082	0.030	0.018	0.019	0.019	---	---	3
4	---	---	0.060A	0.109	0.054	0.086	0.023	0.018	0.018	0.020	---	---	4
5	---	---	0.067A	0.098	0.050	0.092	0.014	0.020	0.019	0.021	---	---	5
6	---	---	0.081A	0.085	0.051	0.080	0.007	0.021	0.020	0.020	---	---	6
7	---	---	0.091A	0.067	0.064	0.060	0.009	0.017	0.018	0.020	---	---	7
8	---	---	0.088A	0.062	0.068	0.052	0.004	0.017	0.016	0.023	---	---	8
9	---	---	0.092A	0.061	0.064	0.052	0.001	0.018	0.013	0.026	---	---	9
10	---	---	0.086A	0.056	0.075	0.052	0.001	0.020	0.013	0.025	---	---	10
11	---	---	0.089A	0.058	0.077	0.054	0.001	0.017	0.012	0.025	---	---	11
12	---	---	0.107A	0.061	0.074	0.062	0.001	0.015	0.011	0.035	---	---	12
13	---	---	0.119A	0.055	0.068	0.148	0.005	0.016	0.013	0.042	---	---	13
14	---	---	0.116A	0.056	0.067	0.233	0.020	0.016	0.013	0.036	---	---	14
15	---	---	0.122A	0.058	0.062	0.176	0.013	0.045	0.013	0.040	---	---	15
16	---	---	0.145A	0.056	0.069	0.207	0.009	0.039	0.013	0.047	---	---	16
17	---	---	0.135A	0.061	0.059	0.202	0.008	0.036	0.013	0.057	---	---	17
18	---	3.74 B	0.160A	0.056	0.052	0.153	0.009	0.033	0.012	0.045	---	---	18
19	---	2.44 B	0.142A	0.054	0.042	0.134	0.011	0.033	0.013	0.040	---	---	19
20	---	1.55 B	0.125A	0.048	0.037	0.115	0.011	0.034	0.015	0.038	---	---	20
21	---	1.10 B	0.094A	0.054	0.033	0.171	0.007	0.034	0.016	0.034	---	---	21
22	---	0.700B	0.077A	0.055	0.029	0.212	0.004	0.033	0.017	0.031	---	---	22
23	---	0.236B	0.079A	0.054	0.024	0.261	0.004	0.031	0.016	0.031	---	---	23
24	---	0.087B	0.084	0.057	0.020	0.252	0.009	0.028	0.017	0.028	---	---	24
25	---	0.048B	0.096	0.064	0.012	0.184	0.019	0.027	0.025	0.027	---	---	25
26	---	0.129B	0.107	0.066	0.011	0.140	0.017	0.024	0.029	0.025	---	---	26
27	---	0.089B	0.112	0.062	0.012	0.111	0.013	0.023	0.025	0.025	---	---	27
28	---	0.103B	0.110	0.068	0.012	0.094	0.013	0.018	0.027	0.035	---	---	28
29	---		0.100	0.066	0.012	0.073	0.015	0.014	0.023	0.040	---	---	29
30	---		0.111	0.063	0.014	0.054	0.016	0.014	0.020	0.047	---	---	30
31	---		0.141		0.021		0.018	0.015		0.049		---	31
TOTAL	---	---	3.125	2.083	1.421	3.731	0.390	0.729	0.515	0.992	---	---	TOTAL
MEAN	---	---	0.101	0.069	0.046	0.124	0.013	0.024	0.017	0.032	---	---	MEAN
MAX	---	---	0.160	0.134	0.077	0.261	0.044	0.045	0.029	0.057	---	---	MAX
MIN	---	---	0.054	0.048	0.011	0.052	0.001	0.014	0.011	0.019	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.053
MAXIMUM DAILY, 0.261 ON JUN 23
MINIMUM DAILY, 0.001 ON JUL 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 13 N
LONG 105 58 22 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	33.7
FEB	---	AUG	63.0
MAR	270	SEP	44.5
APR	180	OCT	85.7
MAY	123	NOV	---
JUN	322	DEC	---

TOTAL DISCHARGE, 1 120 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRE BEFORE FEB 18

HUFF LAKE - STATION NO. 11AC063

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	815.696	815.553	815.650	814.075	814.804	814.653	814.533	814.211	813.713	---	1
2	---	---	815.544	815.553	815.608	814.119	814.828	814.652	814.525	814.201	813.727A	---	2
3	---	---	815.398	815.554	815.563	814.151	814.848	814.655	814.519	814.193	---	---	3
4	---	---	815.250	815.553	815.512	814.186	814.869	814.658	814.509	814.190	---	---	4
5	---	---	815.083	815.553	815.445	814.202	814.886	814.668	814.502	814.186	---	---	5
6	---	---	815.039	815.554	815.375	814.221	814.895	814.675	814.498	814.180	---	---	6
7	---	---	815.108	815.554	815.321	814.232	814.903	814.681	814.492	814.174	---	---	7
8	---	---	815.181	815.555	815.270	814.246	814.912	814.676	814.488	814.170	---	---	8
9	---	---	815.246	815.550	815.214	814.258	814.918	814.674	814.486	814.167	---	---	9
10	---	---	815.302	815.545	815.160	814.266	814.916	814.670	814.477	814.153A	---	---	10
11	---	---	815.344	815.539	815.101	814.277	814.929	814.666	814.467	814.136E	---	---	11
12	---	---	815.369	815.536	815.046	814.291	814.945	814.661	814.458	814.119E	---	---	12
13	---	---	815.385	815.532	814.988	814.309	814.965	814.657	814.450	814.107E	---	---	13
14	---	---	815.406	815.533	814.929	814.339	814.987	814.651	814.440	814.092E	---	---	14
15	---	---	815.423	815.529	814.855	814.368	815.126	814.646	814.430	814.079E	---	---	15
16	---	---	815.442	815.526	814.809	814.395	815.166	814.642	814.421	814.063A	---	---	16
17	---	---	815.461	815.524	814.778	814.411	815.118	814.637	814.413	814.024	---	---	17
18	---	---	815.484	815.521	814.718	814.427	815.046	814.633	814.407	813.980	---	---	18
19	---	---	815.499	815.515	814.654	814.442	815.001	814.629	814.400	813.935	---	---	19
20	---	---	815.507	815.515	814.591	814.456	814.996	814.626	814.393	813.888	---	---	20
21	---	---	815.511	815.516	814.515	814.470	814.979	814.621	814.382	813.840	---	---	21
22	---	---	815.513	815.522	814.440	814.485	814.924	814.616	814.367	813.792	---	---	22
23	---	---	815.516	815.551	814.368	814.495	814.845	814.609	814.342	813.745	---	---	23
24	---	815.653A	815.524	815.595	814.287	814.502	814.756	814.604	814.324	813.703	---	---	24
25	---	815.695	815.531	815.627	814.220	814.509	814.710	814.595	814.308	813.664	---	---	25
26	---	815.734	815.539	815.646	814.165	814.553	814.679	814.586	814.295	813.649	---	---	26
27	---	815.776	815.545	815.661	814.119	814.614	814.672	814.578	814.268	813.637	---	---	27
28	---	815.790	815.548	815.669	814.083	814.670	814.669	814.571	814.250	813.647	---	---	28
29	---		815.550	815.665	814.044	814.718	814.669	814.561	814.235	813.668	---	---	29
30	---		815.550	815.663	814.028	814.763	814.665	814.552	814.220	813.690	---	---	30
31	---		815.553		814.027		814.659	814.542		813.701		---	31
MEAN	---	---	815.421	815.564	814.803	814.382	814.880	814.630	814.410	813.967	---	---	MEAN
MAX	---	---	815.696	815.669	815.650	814.763	815.166	814.681	814.533	814.211	---	---	MAX
MIN	---	---	815.039	815.515	814.027	814.075	814.659	814.542	814.220	813.637	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 815.790 ON FEB 28

MAXIMUM INSTANTANEOUS,
815.797 AT 19:10 CST ON FEB 28

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 03 N
LONG 107 53 22 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

HUFF LAKE GRAVITY CANAL - STATION NO. 11AC065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.603	0	0	0	0	0	---	---	1
2	---	---	0	0	0.797	0	0	0	0	0	---	---	2
3	---	---	0	0	0.778	0	0	0	0	0	---	---	3
4	---	---	0	0	0.871	0	0	0	0	0	---	---	4
5	---	---	0	0	0.904	0	0	0	0	0	---	---	5
6	---	---	0	0	0.773	0	0	0	0	0	---	---	6
7	---	---	0	0	0.712	0	0	0	0	0	---	---	7
8	---	---	0	0	0.691	0	0	0	0	0	---	---	8
9	---	---	0	0	0.680	0	0	0	0	0	---	---	9
10	---	---	0	0	0.680	0	0	0	0	0	---	---	10
11	---	---	0	0	0.667	0	0	0	0	0	---	---	11
12	---	---	0	0	0.723	0	0	0	0	0	---	---	12
13	---	---	0	0	0.797	0	0	0	0	0	---	---	13
14	---	---	0	0	0.813	0	0	0	0	0	---	---	14
15	---	---	0	0	0.788	0	0	0	0	0	---	---	15
16	---	---	0	0	0.913	0	0	0	0	0	---	---	16
17	---	---	0	0	0.991	0	0	0	0	0	---	---	17
18	---	---	0	0	0.863	0	0	0	0	0	---	---	18
19	---	---	0	0	0.911	0	0	0	0	0	---	---	19
20	---	---	0	0	0.853	0	0	0	0	0	---	---	20
21	---	---	0	0	0.747	0	0	0	0	0	---	---	21
22	---	---	0	0	0.596	0	0	0	0	0	---	---	22
23	---	---	0	0	0.482	0	0	0	0	0	---	---	23
24	---	---	0	0	0.563	0	0	0	0	0	---	---	24
25	---	---	0	0	0.780	0	0	0	0	0	---	---	25
26	---	---	0	0	0.829	0	0	0	0	0	---	---	26
27	---	---	0	0	0.696	0	0	0	0	0	---	---	27
28	---	---	0	0	0.639	0	0	0	0	0	---	---	28
29	---		0	0	0.484	0	0	0	0	0	---	---	29
30	---		0	0.158	0.367	0	0	0	0	0	---	---	30
31	---		0		0.122		0	0		0		---	31
TOTAL	---	---	0	0.158	22.113	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.005	0.713	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.158	0.991	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.122	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.091
MAXIMUM DAILY, 0.991 ON MAY 17
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	13.7	OCT	0
MAY	1 910	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 920 dam^3

HUFF LAKE PUMPING CANAL - STATION NO. 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.365	0	0	0	0	0	---	---	1
2	---	---	0	0	0.413	0	0	0	0	0	---	---	2
3	---	---	0	0	0.412	0	0	0	0	0	---	---	3
4	---	---	0	0	0.473	0	0	0	0	0	---	---	4
5	---	---	0	0	0.657	0	0	0	0	0	---	---	5
6	---	---	0	0	0.793	0	0	0	0	0	---	---	6
7	---	---	0	0	0.791	0	0	0	0	0	---	---	7
8	---	---	0	0	0.759	0	0	0	0	0	---	---	8
9	---	---	0	0	0.793	0	0	0	0	0	---	---	9
10	---	---	0	0	0.794	0	0	0	0	0	---	---	10
11	---	---	0	0	0.763	0	0	0	0	0	---	---	11
12	---	---	0	0	0.797	0	0	0	0	0	---	---	12
13	---	---	0	0	0.764	0	0	0	0	0	---	---	13
14	---	---	0	0	0.800	0	0	0	0	0	---	---	14
15	---	---	0	0	0.800	0	0	0	0	0	---	---	15
16	---	---	0	0	0.586	0	0	0	0	0	---	---	16
17	---	---	0	0	0.432	0	0	0	0	0	---	---	17
18	---	---	0	0	0.464	0	0	0	0	0	---	---	18
19	---	---	0	0	0.807	0	0	0	0	0	---	---	19
20	---	---	0	0	0.791	0	0	0	0	0	---	---	20
21	---	---	0	0	0.792	0	0	0	0	0	---	---	21
22	---	---	0	0	0.572	0	0	0	0	0	---	---	22
23	---	---	0	0	0.724	0	0	0	0	0	---	---	23
24	---	---	0	0	0.514	0	0	0	0	0	---	---	24
25	---	---	0	0	0.071	0	0	0	0	0	---	---	25
26	---	---	0	0	0.213	0	0	0	0	0	---	---	26
27	---	---	0	0	0.142	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0.124	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	16.406	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.529	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.807	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.067
MAXIMUM DAILY, 0.807 ON MAY 19
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 20 N
LONG 107 53 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 420	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 420 dam^3

HUNTER CREEK NEAR RICHARDSON - STATION NO. 05JF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0.004	0	0	---	---	1
2	---	---	0	0	0	0	0	0.004	0	0	---	---	2
3	---	---	0	0	0	0	0	0.002	0	0	---	---	3
4	---	---	0	0	0	0	0	0.001	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0.001	0	0	0	---	---	13
14	---	---	0	0	0	0	5.66	0	0	0	---	---	14
15	---	---	0	0	0	0	2.62	0	0	0	---	---	15
16	---	---	0	0	0	0	0.731	0	0	0	---	---	16
17	---	---	0	0	0	0	0.575	0	0	0	---	---	17
18	---	---	0	0	0	0	0.327	0	0	0	---	---	18
19	---	---	0	0	0	0	0.174	0	0	0	---	---	19
20	---	---	0	0	0	0	0.098	0	0	0	---	---	20
21	---	---	0	0	0	0	0.071	0	0	0	---	---	21
22	---	---	0	0	0	0	0.057	0	0	0	---	---	22
23	---	---	0	0	0	0	0.045	0	0	0	---	---	23
24	---	---	0	0	0	0	0.034	0	0	0	---	---	24
25	---	---	0	0	0	0	0.028	0	0	0	---	---	25
26	---	---	0	0	0	0	0.022	0	0	0	---	---	26
27	---	---	0	0	0	0	0.016	0	0	0	---	---	27
28	---	---	0	0	0	0	0.013	0	0	0	---	---	28
29	---		0	0	0	0	0.009	0	0	0	---	---	29
30	---		0	0	0	0	0.007	0	0	0	---	---	30
31	---		0		0		0.006	0		0		---	31
TOTAL	---	---	0	0	0	0	10.494	0.011	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.339	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	5.66	0.004	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 5.66 ON JUL 14
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
12.9 AT 09:45 CST ON JUL 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 16 N
LONG 104 27 39 W
DRAINAGE AREA, 135 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	907
FEB	---	AUG	0.95
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 908 dam³

INDIANHEAD CREEK NEAR INDIAN HEAD - STATION NO. 05JL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0.320A	0	0	0	---	---	14
15	---	---	0	0	0	0	0.116	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0.436	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.014	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0.320	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.320A ON JUL 14
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.01 AT 17:13 CST ON JUL 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 42 N
LONG 103 36 14 W
DRAINAGE AREA, 326 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	37.7
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 37.7 dam³

INVERNESS CREEK NEAR BRODERICK - STATION NO. 05HG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0	0	0	0.002	0	0	0	0	---	---	14
15	---	0 B	0	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0	0	0	0	0	0	0	0	---	---	21
22	---	0.001B	0	0	0	0	0	0	0	0	---	---	22
23	---	0.001B	0	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.001B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0				0	0		0		---	31
TOTAL	---	0.003	0.005	0	0	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0.001	0	0	0.002	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.002 ON JUN 14
MINIMUM DAILY, 0B ON MAR 5
MAXIMUM INSTANTANEOUS,
0.010 AT 14:10 CST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 16 N
LONG 106 49 18 W
DRAINAGE AREA, 61.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.26	AUG	0
MAR	0.43	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 0.60 dam³

IRONSPRING CREEK NEAR WATSON - STATION NO. 05MA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.050	0.019	0.001	0	0	0	0	---	---	1
2	---	0B	0 B	0.032	0.026	0.001	0	0	0	0	---	---	2
3	---	0B	0 B	0.032	0.020	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.079	0.022	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.044	0.096	0	0	0	0	0	---	---	5
6	---	0B	0 B	0.024	0.080	0	0	0	0	0	---	---	6
7	---	0B	0 B	0.032	0.056	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.025	0.052	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.017	0.022	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.015	0.020	0	0	0	0	0	---	---	10
11	---	0B	0 B	0.010	0.010	0	0	0	0	0	---	---	11
12	---	0B	0 B	0.009	0.077	0	0	0	0	0	---	---	12
13	---	0B	0 B	0.010	0.107	0	0	0	0	0	---	---	13
14	---	0B	0.001B	0.008	0.105	0.004	0	0	0	0	---	---	14
15	---	0B	0.001B	0.006	0.062	0.003	0	0	0	0	---	---	15
16	---	0B	0.002B	0.006	0.025	0.002	0	0	0	0	---	---	16
17	---	0B	0 B	0.005	0.014	0.001	0	0	0	0	---	---	17
18	---	0B	0 B	0.003	0.008	0.001	0	0	0	0	---	---	18
19	---	0B	0.001B	0.003	0.006	0.001	0	0	0	0	---	---	19
20	---	0B	0.005B	0.001	0.147	0.001	0	0	0	0	---	---	20
21	---	0B	0.005B	0	0.078	0.001	0	0	0	0	---	---	21
22	---	0B	0.005B	0	0.020	0.001	0	0	0	0	---	---	22
23	---	0B	0.007B	0	0.007	0.001	0	0	0	0	---	---	23
24	---	0B	0.006B	0	0.003	0.001	0	0	0	0	---	---	24
25	---	0B	0.006	0	0.002	0.001	0	0	0	0	---	---	25
26	---	0B	0.010	0	0.001	0	0	0	0	0	---	---	26
27	---	0B	0.011	0	0.001	0	0	0	0	0	---	---	27
28	---	0B	0.011	0	0.001	0	0	0	0	0	---	---	28
29	---		0.025	0	0.003	0	0	0	0	0	---	---	29
30	---		0.025	0	0.002	0	0	0	0	0	---	---	30
31	---		0.043		0.001		0	0		0		---	31
TOTAL	---	0	0.164	0.411	1.093	0.020	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.005	0.014	0.035	0.001	0	0	0	0	---	---	MEAN
MAX	---	0	0.043	0.079	0.147	0.004	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.147 ON MAY 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.270 AT 09:11 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 25 N
LONG 104 29 56 W
DRAINAGE AREA, 587 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	14.2	SEP	0
APR	35.5	OCT	0
MAY	94.4	NOV	---
JUN	1.73	DEC	---

TOTAL DISCHARGE, 146 dam³

ISKWAO CREEK NEAR CRAIK - STATION NO. 05JG014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0	0	0	0	0	0	0	0	---	---	1
2	---	0B	0	0	0	0	0	0	0	0	---	---	2
3	---	0B	0	0	0	0	0	0	0	0	---	---	3
4	---	0B	0	0	0	0	0	0	0	0	---	---	4
5	---	0B	0	0	0	0	0	0	0	0	---	---	5
6	---	0B	0	0	0	0	0	0	0	0	---	---	6
7	---	0B	0	0	0	0	0	0	0	0	---	---	7
8	---	0B	0	0	0	0	0	0	0	0	---	---	8
9	---	0B	0	0	0	0	0	0	0	0	---	---	9
10	---	0B	0	0	0	0	0	0	0	0	---	---	10
11	---	0B	0	0	0	0	0	0	0	0	---	---	11
12	---	0B	0	0	0	0	0	0	0	0	---	---	12
13	---	0B	0	0	0	0	0	0	0	0	---	---	13
14	---	0B	0	0	0	0	0	0	0	0	---	---	14
15	---	0B	0	0	0	0	0	0	0	0	---	---	15
16	---	0B	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0		---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 44 N
LONG 105 57 34 W
DRAINAGE AREA, 360 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

JACKFISH LAKE NEAR COCHIN - STATION NO. 05EG003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	529.394	529.429	529.442	529.459	529.632	529.578	529.495	529.497	529.377	529.304	529.248	529.268	1
2	529.393	529.429	529.443	529.461	529.623	529.582	529.511	529.497	529.362	529.289	529.252	529.268	2
3	529.393	529.430	529.442	529.466	529.623	529.581	529.507	529.496	529.377	529.290	529.255	529.268	3
4	529.396	529.430	529.445	529.477	529.630	529.568	529.504	529.495	529.376	529.290	529.250	529.269	4
5	529.397	529.432	529.441	529.490	529.632	529.561	529.503	529.491	529.371	529.288	529.253	529.271	5
6	529.397	529.432	529.444	529.508	529.630	529.564	529.501	529.489	529.372	529.295	529.257	529.270	6
7	529.400	529.430	529.446	529.515	529.629	529.558	529.514	529.485	529.369	529.284	529.253	529.271	7
8	529.405	529.431	529.448	529.519	529.618	529.556	529.504	529.482	529.369	529.281	529.255	529.272	8
9	529.408	529.431	529.448	529.527	529.630	529.546	529.485	529.482	529.370	529.278	529.258	529.274	9
10	529.415	529.433	529.449	529.531	529.627	529.546	529.485	529.480	529.365	529.273	529.259	529.276	10
11	529.417	529.432	529.450	529.535	529.628	529.546	529.483	529.472	529.361	529.271	529.260	529.277	11
12	529.421	529.433	529.451	529.540	529.628	529.540	529.484	529.469	529.357	529.259	529.260	529.276	12
13	529.418	529.435	529.454	529.545	529.628	529.530	529.490	529.456	529.352	529.262	529.260	529.276	13
14	529.419	529.437	529.454	529.550	529.619	529.528	529.485	529.456	529.351	529.267	529.264	529.274	14
15	529.418	529.438	529.456	529.558	529.610	529.529	529.486	529.450	529.349	529.271	529.263	529.273	15
16	529.419	529.438	529.456	529.561	529.611	529.524	529.488	529.453	529.347	529.270	529.260	529.273	16
17	529.421	529.439	529.455	529.562	529.619	529.506	529.489	529.447	529.342	529.257	529.260	529.276	17
18	529.420	529.439	529.454	529.568	529.620	529.520	529.490	529.446	529.342	529.261	529.259	529.276	18
19	529.419	529.439	529.455	529.573	529.608	529.517	529.491	529.445	529.342	529.262	529.268	529.280	19
20	529.421	529.441	529.455	529.575	529.608	529.513	529.487	529.446	529.334	529.244	529.264	529.280	20
21	529.421	529.439	529.453	529.578	529.600	529.511	529.485	529.433	529.324	529.226	529.262	529.281	21
22	529.422	529.440	529.454	529.583	529.597	529.519	529.487	529.428	529.318	529.240	529.263	529.284	22
23	529.424	529.440	529.455	529.588	529.601	529.513	529.483	529.425	529.319	529.237	529.265	529.288	23
24	529.429	529.440	529.457	529.595	529.599	529.511	529.476	529.425	529.322	529.231	529.265	529.285	24
25	529.429	529.440	529.457	529.597	529.596	529.513	529.482	529.420	529.311	529.249	529.265	529.285	25
26	529.428	529.441	529.456	529.601	529.594	529.511	529.484	529.420	529.301	529.237	529.265	529.288	26
27	529.429	529.440	529.456	529.607	529.589	529.499	529.479	529.423	529.308	529.248	529.264	529.290	27
28	529.428	529.441	529.458	529.612	529.586	529.499	529.469	529.417	529.302	529.249	529.262	529.289	28
29	529.427		529.458	529.611	529.584	529.504	529.471	529.396	529.296	529.251	529.265	529.286	29
30	529.428		529.458	529.617	529.586	529.494	529.484	529.381	529.297	529.241	529.267	529.286	30
31	529.429		529.459		529.581		529.497	529.378		529.246		529.287	31
MEAN	529.416	529.436	529.452	529.550	529.612	529.532	529.490	529.451	529.343	529.263	529.260	529.278	MEAN
MAX	529.429	529.441	529.459	529.617	529.632	529.582	529.514	529.497	529.377	529.304	529.268	529.290	MAX
MIN	529.393	529.429	529.441	529.459	529.581	529.494	529.469	529.378	529.296	529.226	529.248	529.268	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 529.423
MAXIMUM DAILY, 529.632 ON MAY 1
MINIMUM DAILY, 529.226 ON OCT 21
MAXIMUM INSTANTANEOUS,
529.654 AT 08:57 CST ON MAY 1

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 N
LONG 108 22 54 W

REGULATED

JACKFISH RIVER NEAR PRINCE - STATION NO. 05EG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0	0	0	0	0	---	1
2	---	---	0B	0B	0	0	0	0	0	0	0	---	2
3	---	---	0B	0B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0B	0.370A	0	0	0	0	0	---	---	13
14	---	---	0B	0B	2.96 A	0	0	0	0	0	---	---	14
15	---	---	0B	0	2.64 E	0	0	0	0	0	---	---	15
16	---	---	0B	0	0.274E	0	0	0	0	1.13	---	---	16
17	---	---	0B	0	0.274E	0	0	0	0	2.10	---	---	17
18	---	---	0B	0	0.273E	0	0	0	0	1.94	---	---	18
19	---	---	0B	0	0.273A	0	0	0	0	1.29	---	---	19
20	---	---	0B	0	0.150	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---		0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	7.214	0	0	0	0	6.46	---	---	TOTAL
MEAN	---	---	0	0	0.233	0	0	0	0	0.208	---	---	MEAN
MAX	---	---	0	0	2.96	0	0	0	0	2.10	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.056
MAXIMUM DAILY, 2.96A ON MAY 14
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 14 N
LONG 108 21 55 W
DRAINAGE AREA, 3 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	558
MAY	623	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 180 dam³

JEWEL CREEK NEAR GOODWATER - STATION NO. 05NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.001	0	0	0	0	0	0	0	---	---	1
2	---	0	0.001	0	0	0	0	0	0	0	---	---	2
3	---	0	0	0	0	0	0	0	0	0	---	---	3
4	---	0	0	0	0	0	0	0	0	0	---	---	4
5	---	0	0	0	0	0	0	0	0	0	---	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0.021A	0	0	0	0	0	0	0	0	---	---	17
18	---	0.127	0	0	0	0	0	0	0	0	---	---	18
19	---	0.055	0	0	0	0	0	0	0	0	---	---	19
20	---	0.027	0	0	0	0	0	0	0	0	---	---	20
21	---	0.015	0	0	0	0	0	0	0	0	---	---	21
22	---	0.006	0	0	0	0	0	0	0	0	---	---	22
23	---	0.004	0	0	0	0	0	0	0	0	---	---	23
24	---	0.003	0	0	0	0	0	0	0	0	---	---	24
25	---	0.002	0	0	0	0	0	0	0	0	---	---	25
26	---	0.001	0	0	0	0	0	0	0	0	---	---	26
27	---	0.001	0	0	0	0	0	0	0	0	---	---	27
28	---	0.001	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0.263	0.002	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.009	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.127	0.001	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.001 ON MAR 1
MINIMUM DAILY, 0 ON MAR 3
MAXIMUM INSTANTANEOUS,
0.345 AT 11:22 CST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 10 N
LONG 103 42 42 W
DRAINAGE AREA, 209 km²
A - MANUAL GAUGE

REGULATED

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	22.7	AUG	0
MAR	0.17	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.17 dam³

JUMPING DEER CREEK NEAR LIPTON - STATION NO. 05JK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.113	0.018	0.001	0.003	0.020E	0.001	0.001	---	---	1
2	---	---	0 B	0.087	0.016	0.001	0.006	0.003E	0.001	0.001	---	---	2
3	---	---	0 B	0.051	0.011	0.001	0.396	0.003E	0.001	0.001	---	---	3
4	---	---	0 B	0.028	0.004	0.001	0.007	0.003E	0.001	0.001	---	---	4
5	---	---	0 B	0.011	0.003	0.001	0.001	0.003E	0.001	0.001	---	---	5
6	---	---	0 B	0.006	0.003	0.001	0.001	0.003E	0.001	0.001	---	---	6
7	---	---	0 B	0.014	0.002	0.001	0.001	0.003E	0.001	0.001	---	---	7
8	---	---	0 B	0.071	0.003	0.001	0.001	0.003E	0.001	0.001	---	---	8
9	---	---	0 B	0.046	0.002	0.001	0.001	0.003E	0.001	0.003	---	---	9
10	---	---	0 B	0.014	0.005	0.001	0.001	0.003E	0.001	0.003	---	---	10
11	---	---	0 B	0.007	0.004	0.001	0.001	0.003E	0.002	0.001	---	---	11
12	---	---	0 B	0.019	0.003	0.003	0.001	0.003E	0.001	0.012	---	---	12
13	---	---	0 B	0.019	0.002	0.006	0.001	0.003A	0.001	0.006	---	---	13
14	---	---	0 B	0.001	0.001	0.006	0.007	0.002	0.001	0.003	---	---	14
15	---	---	0.001B	0.001	0.003	0.004	0.004	0.004	0.001	0.001	---	---	15
16	---	---	0.001B	0.001	0.001	0.003	0.002	0.004	0.002	0.002	---	---	16
17	---	---	0.001B	0.001	0.001	0.010	0.001	0.004	0.001	0.022	---	---	17
18	---	---	0.002B	0.001	0.002	0.027	0.002	0.004	0.001	0.016	---	---	18
19	---	---	0.002B	0.001	0.008	0.013	0.003	0.006	0.001	0.016	---	---	19
20	---	---	0.002B	0.001	0.012	0.007	0.002	0.006	0.001	0.015	---	---	20
21	---	---	0.003B	0.001	0.001	0.008	0.003	0.008	0.001	0.008	---	---	21
22	---	---	0.003B	0.001	0.001	0.009	0.002	0.007	0.001	0.007	---	---	22
23	---	---	0.004B	0.001	0.001	0.009	0.007	0.007	0.001	0.006	---	---	23
24	---	---	0.004B	0.001	0.001	0.050	0.004	0.008	0.003	0.007	---	---	24
25	---	---	0.005B	0.001	0.001	0.013	0.002	0.007	0.006	0.010	---	---	25
26	---	---	0.007B	0.001	0.001	0.005	0.001	0.005	0.007	0.008	---	---	26
27	---	---	0.012B	0.001	0.009	0.004	0.001	0.007	0.004	0.013	---	---	27
28	---	---	0.012B	0.001	0.010	0.004	0.001	0.007	0.001	0.010A	---	---	28
29	---		0.022B	0.008	0.001	0.003	0.001	0.005	0.001	0.010E	---	---	29
30	---		0.044B	0.007	0.001	0.004	0.011A	0.003	0.001	0.010E	---	---	30
31	---		0.051B		0.001		0.040E	0.002		0.010E			31
TOTAL	---	---	0.176	0.516	0.132	0.199	0.515	0.152	0.048	0.207	---	---	TOTAL
MEAN	---	---	0.006	0.017	0.004	0.007	0.017	0.005	0.002	0.007	---	---	MEAN
MAX	---	---	0.051	0.113	0.018	0.050	0.396	0.020	0.007	0.022	---	---	MAX
MIN	---	---	0	0.001	0.001	0.001	0.001	0.002	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.396 ON JUL 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.49 AT 14:48 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 10 N
LONG 103 53 57 W
DRAINAGE AREA, 1 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44.5
FEB	---	AUG	13.1
MAR	15.2	SEP	4.15
APR	44.6	OCT	17.9
MAY	11.4	NOV	---
JUN	17.2	DEC	---

TOTAL DISCHARGE, 168 dam³

JUNCTION RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA063

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	755.106	755.125	754.197	753.275	753.908	753.757	753.571	753.402	753.238	---	1
2	---	---	755.105	755.128	754.074	753.279	753.904	753.752	753.562	753.397	753.240	---	2
3	---	---	755.113	755.127	753.955	753.277	753.902	753.761	753.556	753.391	753.243A	---	3
4	---	---	755.113	755.121	753.834	753.272	753.898	753.761	753.552	753.390	---	---	4
5	---	---	755.116	755.130	753.706	753.271	753.894	753.755	753.547	753.388	---	---	5
6	---	---	755.115	755.118	753.570	753.272	753.886	753.746	753.544	753.360	---	---	6
7	---	---	755.120	755.133	753.410	753.268	753.885	753.741	753.541	753.218	---	---	7
8	---	---	755.121	755.132	753.255	753.267	753.873	753.728	753.536	753.073	---	---	8
9	---	---	755.120	755.131	753.096	753.275	753.874	753.728	753.531	753.035	---	---	9
10	---	---	755.123	755.134	752.973	753.282	753.866	753.724	753.521	753.033	---	---	10
11	---	---	755.126	755.140	752.957	753.284	753.858	753.713	753.515	753.041	---	---	11
12	---	---	755.125	755.125	752.978	753.284	753.853	753.708	753.507	753.057	---	---	12
13	---	---	755.126	755.126	753.000	753.294	753.856	753.696	753.500	753.111	---	---	13
14	---	---	755.125	755.132	753.019	753.342	753.851	753.690	753.495	753.154	---	---	14
15	---	---	755.125	755.130	753.036	753.428	753.839	753.691	753.489	753.185	---	---	15
16	---	---	755.125	755.121	753.081	753.710	753.837	753.681	753.484	753.209	---	---	16
17	---	---	755.120	755.120A	753.137	753.816	753.838	753.676	753.477	753.224	---	---	17
18	---	755.058A	755.115	755.114E	753.176	753.876	753.837	753.658	753.474	753.234	---	---	18
19	---	755.066	755.121	755.110E	753.205	753.901	753.830	753.649	753.466	753.236	---	---	19
20	---	755.076	755.113	755.108E	753.223	753.913	753.820	753.638	753.454	753.233	---	---	20
21	---	755.085	755.111	755.083A	753.233	753.918	753.814	753.631	753.451	753.232	---	---	21
22	---	755.091	755.117	755.018A	753.237	753.928	753.804	753.625	753.449	753.234	---	---	22
23	---	755.094	755.114	754.933	753.241	753.924	753.797	753.618	753.446	753.232	---	---	23
24	---	755.094	755.114	754.840	753.246	753.925	753.794	753.611	753.446	753.233	---	---	24
25	---	755.094	755.125	754.743	753.252	753.930	753.795	753.620	753.439	753.237	---	---	25
26	---	755.100	755.124	754.653	753.258	753.930	753.791	753.616	753.436	753.235	---	---	26
27	---	755.103	755.119	754.572	753.263	753.920	753.784	753.610	753.433	753.236	---	---	27
28	---	755.105	755.123	754.467	753.259	753.915	753.782	753.599	753.430	753.240	---	---	28
29	---		755.119	754.382	753.263	753.918	753.775	753.588	753.415	753.240	---	---	29
30	---		755.117	754.292	753.268	753.913	753.767	753.581	753.407	753.239	---	---	30
31	---		755.127		753.269		753.760	753.578		753.236		---	31
MEAN	---	---	755.119	754.983	753.312	753.594	753.838	753.675	753.489	753.225	---	---	MEAN
MAX	---	---	755.127	755.140	754.197	753.930	753.908	753.761	753.571	753.402	---	---	MAX
MIN	---	---	755.105	754.292	752.957	753.267	753.760	753.578	753.407	753.033	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 755.140 ON APR 11
MINIMUM DAILY, 752.957 ON MAY 11
MAXIMUM INSTANTANEOUS,
755.151 AT 10:17 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 109 31 05 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -10.415 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

KATEPWA LAKE AT KATEPWA BEACH - STATION NO. 05JL004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.306	478.281	478.289	478.250	478.212	478.160	478.218	478.258	478.158	478.041	478.197	478.342	1
2	478.302	478.279	478.288	478.251	478.218	478.160	478.215	478.257	478.141	478.037	478.213	478.343	2
3	478.299	478.279	478.293	478.246	478.219	478.155	478.215	478.257	478.130	478.043	478.232	478.347	3
4	478.297	478.277	478.294	478.244	478.225	478.162	478.214	478.256	478.115	478.046	478.250	478.343	4
5	478.298	478.280	478.296	478.242	478.221	478.164	478.215	478.253	478.105	478.051	478.266	478.341	5
6	478.297	478.280	478.296	478.242	478.217	478.157	478.210	478.253	478.101	478.051	478.281	478.340	6
7	478.295	478.278	478.299	478.245	478.216	478.158	478.210	478.252	478.096	478.052	478.295	478.340	7
8	478.295	478.273	478.302	478.240	478.212	478.154	478.203	478.248	478.092	478.055	478.298	478.338	8
9	478.291	478.272	478.303	478.237	478.207	478.151	478.194	478.248	478.086	478.064	478.305	478.336	9
10	478.292	478.270	478.305	478.237	478.204	478.150	478.189	478.245	478.077	478.067	478.312	478.337	10
11	478.292	478.271	478.306	478.229	478.204	478.158	478.180	478.243	478.067	478.066	478.321	478.337	11
12	478.291	478.271	478.302	478.234	478.203	478.156	478.174	478.244	478.065	478.091	478.329	478.336	12
13	478.291	478.273	478.294	478.233	478.204	478.164	478.185	478.238	478.058	478.110	478.335	478.333	13
14	478.289	478.276	478.291	478.227	478.205	478.185	478.236	478.231	478.053	478.114	478.338	478.331	14
15	478.288	478.278	478.286	478.226	478.195	478.194	478.251	478.226	478.049	478.119	478.342	478.329	15
16	478.285	478.275	478.283	478.228	478.185	478.198	478.257	478.223	478.048	478.124	478.345	478.326	16
17	478.284	478.275	478.277	478.231	478.185	478.205	478.256	478.221	478.045	478.131	478.345	478.322	17
18	478.285	478.274	478.274	478.219	478.187	478.209	478.252	478.218	478.046	478.130	478.348	478.321	18
19	478.283	478.274	478.270	478.215	478.184	478.207	478.251	478.217	478.044	478.132	478.349	478.319	19
20	478.281	478.275	478.269	478.208	478.184	478.208	478.250	478.218	478.040	478.134	478.343	478.318	20
21	478.283	478.276	478.264	478.216	478.183	478.217	478.248	478.215	478.039	478.134	478.346	478.317	21
22	478.281	478.278	478.261	478.215	478.179	478.227	478.251	478.215	478.029	478.138	478.346	478.316	22
23	478.282	478.282	478.262	478.211	478.176	478.233	478.258	478.213	478.021	478.134	478.351	478.314	23
24	478.282	478.283	478.258	478.210	478.175	478.239	478.258	478.213	478.018	478.136	478.352	478.313	24
25	478.287	478.283	478.258	478.211	478.174	478.242	478.250	478.212	478.025	478.133	478.352	478.312	25
26	478.285	478.286	478.252	478.209	478.173	478.235	478.247	478.212	478.055	478.136	478.353	478.315	26
27	478.281	478.288	478.249	478.206	478.172	478.231	478.243	478.210	478.053	478.135	478.352	478.313	27
28	478.279	478.288	478.247	478.210	478.174	478.229	478.236	478.199	478.047	478.138	478.347	478.311	28
29	478.279		478.245	478.220	478.178	478.226	478.242	478.188	478.043	478.146	478.344	478.308	29
30	478.280		478.247	478.222	478.171	478.219	478.255	478.179	478.042	478.159	478.346	478.307	30
31	478.283		478.256		478.167		478.260	478.170		478.176		478.309	31
MEAN	478.288	478.278	478.278	478.227	478.194	478.192	478.230	478.227	478.066	478.104	478.318	478.326	MEAN
MAX	478.306	478.288	478.306	478.251	478.225	478.242	478.260	478.258	478.154	478.176	478.353	478.347	MAX
MIN	478.279	478.270	478.245	478.206	478.167	478.150	478.174	478.170	478.018	478.037	478.197	478.307	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 478.227
MAXIMUM DAILY, 478.353 ON NOV 26
MINIMUM DAILY, 478.018 ON SEP 24
MAXIMUM INSTANTANEOUS,
478.355 AT 20:17 CST ON NOV 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 34 N
LONG 103 37 15 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KEELEY RIVER AT OUTLET OF KEELEY LAKE - STATION NO. 06BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.88E	2.37E	1.98	1.93	2.49	2.49E	1.64E	1.38 E	0.815	0.324A	0.298	0.453	1
2	2.87E	2.36A	1.98	1.87	2.56	2.46E	1.62E	1.36 E	0.779	0.329E	0.282	0.466	2
3	2.86E	2.30	1.99	1.95	2.61	2.43E	1.59E	1.34 E	0.688A	0.331E	0.297	0.472	3
4	2.85E	2.30	1.96	1.98	2.64	2.41E	1.58E	1.32 E	0.610E	0.335E	0.360	0.481	4
5	2.85E	2.28	1.96	1.97	2.66	2.38E	1.59E	1.30 E	0.565E	0.339E	0.347	0.491	5
6	2.84E	2.30	1.97	2.02	2.72A	2.35E	1.61A	1.27 E	0.520E	0.344E	0.320	0.491	6
7	2.83E	2.28	2.01	2.03	2.80E	2.32E	1.70	1.25 E	0.490E	0.348E	0.315	0.500	7
8	2.82E	2.28	1.96	1.96	2.85E	2.29E	2.34	1.23 E	0.450E	0.351E	0.325	0.502	8
9	2.81E	2.25	1.96	1.97	2.90E	2.26E	1.85	1.21 E	0.435E	0.353E	0.319	0.493	9
10	2.80E	2.25	1.95	1.91	2.95E	2.23E	1.67	1.19 E	0.420E	0.355E	0.311	0.513B	10
11	2.80E	2.24	1.95	1.92	3.00E	2.20E	1.57	1.17 E	0.395E	0.355E	0.318	0.514B	11
12	2.80E	2.19	1.93	2.01	3.04E	2.17E	1.56	1.15 E	0.385E	0.355E	0.327	0.507B	12
13	2.79E	2.18	1.92	1.94	3.05E	2.14E	1.53	1.13 E	0.370E	0.353E	0.329	0.512B	13
14	2.79E	2.16	1.93	1.98	3.06E	2.12E	1.53	1.10 E	0.355E	0.351E	0.324	0.514B	14
15	2.78E	2.15	1.90	1.99	3.05E	2.10E	1.59	1.08 E	0.345E	0.345E	0.330	0.524B	15
16	2.76E	2.13	1.91	2.02	3.04E	2.05E	1.59	1.06 E	0.339E	0.338E	0.357	0.518B	16
17	2.74E	2.12	1.93	2.07	3.02E	2.00E	1.64	1.04 E	0.332E	0.324A	0.377	0.512B	17
18	2.72E	2.10	1.93	2.06	2.99E	1.96E	1.66	1.02 A	0.325E	0.298	0.377	0.512B	18
19	2.70E	2.07	1.94	2.07	2.94E	1.93E	1.57	1.00	0.318E	0.303	0.393	0.446B	19
20	2.68E	2.07	1.95	2.06	2.90E	1.90E	1.53	1.05	0.310E	0.282	0.379	0.451B	20
21	2.65E	2.07	1.94	2.08	2.86E	1.87E	1.54	0.976	0.307E	0.285	0.374	0.489B	21
22	2.63E	2.06	1.92	2.10	2.82E	1.85E	1.56	0.937	0.303E	0.276	0.396	0.480B	22
23	2.60E	2.03	1.91	2.13	2.78E	1.82E	1.57A	0.918	0.301E	0.283	0.411	0.483B	23
24	2.56E	2.04	1.91	2.20	2.74E	1.80E	1.55E	0.885	0.301E	0.252	0.429	0.486B	24
25	2.52E	2.03	1.89	2.19	2.70E	1.77E	1.53E	0.879	0.303E	0.248	0.432	0.478B	25
26	2.50E	2.02	1.98	2.20	2.67E	1.75E	1.51E	0.876	0.305E	0.278	0.459	0.484B	26
27	2.48E	2.00	1.89	2.20	2.64E	1.73E	1.49E	0.931	0.307E	0.288	0.456	0.463B	27
28	2.46E	2.00	1.86	2.23	2.61E	1.70E	1.46E	0.858	0.310E	0.275	0.460	0.456B	28
29	2.44E		1.90	2.38	2.58E	1.68E	1.44E	0.803	0.312E	0.283	0.453	0.456B	29
30	2.41E		1.92	2.41	2.55	1.65E	1.42E	0.815	0.317E	0.297	0.458	0.450B	30
31	2.39E		1.92		2.52E		1.40E	0.849		0.297		0.444B	31
TOTAL	83.61	60.63	59.97	61.83	86.74	61.81	49.43	33.377	12.312	9.775	11.013	15.081	TOTAL
MEAN	2.70	2.17	1.93	2.06	2.80	2.06	1.59	1.08	0.410	0.315	0.367	0.485	MEAN
MAX	2.88	2.37	2.01	2.41	3.06	2.49	2.34	1.38	0.815	0.355	0.460	0.524	MAX
MIN	2.39	2.03	1.86	1.87	2.49	1.65	1.40	0.803	0.301	0.248	0.282	0.444	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 3.06E ON MAY 14
MINIMUM DAILY, 0.248 ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 108 03 20 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 220	JUL	4 270
FEB	5 240	AUG	2 880
MAR	5 180	SEP	1 060
APR	5 340	OCT	845
MAY	7 490	NOV	952
JUN	5 340	DEC	1 300

TOTAL DISCHARGE, 47 100 dam³

KELSEY CREEK NEAR GARRICK - STATION NO. 05KE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.022B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.019B	0.011	0	0	0	0	0	---	---	2
3	---	---	0 B	0.022B	0.037	0	0	0	0	0	---	---	3
4	---	---	0 B	0.024B	0.023	0	0	0	0	0	---	---	4
5	---	---	0 B	0.026B	0.008	0	0	0	0	0	---	---	5
6	---	---	0 B	0.030B	0.005	0	0	0	0	0	---	---	6
7	---	---	0 B	0.025B	0.024	0	0	0	0	0	---	---	7
8	---	---	0 B	0.019B	0.034	0	0	0	0	0	---	---	8
9	---	---	0 B	0.017B	0.023	0	0	0	0	0	---	---	9
10	---	---	0 B	0.016B	0.017	0	0	0	0	0	---	---	10
11	---	---	0 B	0.014B	0.002	0	0	0	0	0	---	---	11
12	---	---	0 B	0.013B	0.004	0	0	0	0	0	---	---	12
13	---	---	0 B	0.012B	0.001	0	0	0	0	0	---	---	13
14	---	---	0 B	0.017B	0.001	0	0	0	0	0	---	---	14
15	---	---	0 B	0.028B	0.003	0	0	0	0	0	---	---	15
16	---	---	0 B	0.038A	0.001	0	0	0	0	0	---	---	16
17	---	---	0 B	0.026	0.001	0	0	0	0	0	---	---	17
18	---	---	0 B	0.022	0.004	0	0	0	0	0	---	---	18
19	---	---	0 B	0.023	0.001	0	0	0	0	0	---	---	19
20	---	---	0 B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.020	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.146	0	0	0	0	0	0	---	---	23
24	---	---	0.001B	0.122	0	0	0	0	0	0	---	---	24
25	---	---	0.002B	0.097	0	0	0	0	0	0	---	---	25
26	---	---	0.005B	0.048	0	0	0	0	0	0	---	---	26
27	---	---	0.008B	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0.016B	0.003	0	0	0	0	0	0	---	---	28
29	---		0.030B	0.001	0	0	0	0	0	0	---	---	29
30	---		0.027B	0	0	0	0	0	0	0	---	---	30
31	---		0.024B		0		0	0		0		---	31
TOTAL	---	---	0.113	0.852	0.200	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.004	0.028	0.006	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.030	0.146	0.037	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.146 ON APR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.247 AT 18:41 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 53 N
LONG 104 19 33 W
DRAINAGE AREA, 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	9.76	SEP	0
APR	73.6	OCT	0
MAY	17.3	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 101 dam³

KENOSEE LAKE NEAR CARLYLE - STATION NO. 05ND009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	739.159	739.128	739.065	739.057	738.934	738.889	738.822	738.812E	---	1
2	---	---	739.142A	739.159	739.126	739.063	739.053	738.935	738.881	738.820	738.811E	---	2
3	---	---	---	739.158	739.122	739.061	739.049	738.932	738.872	738.817	738.810A	---	3
4	---	---	---	739.158	739.121	739.061	739.043	738.933	738.863	738.817	---	---	4
5	---	---	---	739.156	739.118	739.057	739.039	738.953	738.858	738.816	---	---	5
6	---	---	---	739.156	739.113	739.053	739.035	738.950	738.857	738.814	---	---	6
7	---	---	---	739.154	739.109	739.049	739.029	738.945	738.856	738.811	---	---	7
8	---	---	---	739.152	739.105	739.045	739.020	738.940	738.854	738.809	---	---	8
9	---	---	---	739.150	739.101	739.044	739.007	738.936	738.851	738.817	---	---	9
10	---	---	---	739.152	739.095	739.044	738.996	738.932	738.848	738.815	---	---	10
11	---	---	---	739.149	739.091	739.041	738.993	738.928	738.842	738.813	---	---	11
12	---	---	---	739.154	739.090	739.041	738.991	738.922	738.837	738.829	---	---	12
13	---	---	---	739.152	739.088	739.042	738.987	738.917	738.832	738.841	---	---	13
14	---	---	---	739.150	739.087	739.060	738.986	738.913	738.829	738.839A	---	---	14
15	---	---	---	739.145	739.082	739.083	738.985	738.909	738.824	738.837E	---	---	15
16	---	---	---	739.142	739.076	739.084	738.977	738.907	738.820	738.835E	---	---	16
17	---	---	---	739.140	739.073	739.088	738.971	738.905	738.816	738.833E	---	---	17
18	---	---	---	739.137	739.071	739.087	738.968	738.901	738.812	738.831E	---	---	18
19	---	---	---	739.136	739.067	739.086	738.965	738.898	738.808	738.829E	---	---	19
20	---	---	---	739.133	739.062	739.085	738.961	738.894	738.805	738.827E	---	---	20
21	---	---	---	739.130	739.058	739.085	738.963	738.893	738.801	738.825E	---	---	21
22	---	---	---	739.129	739.067	739.086	738.962	738.893	738.807	738.824E	---	---	22
23	---	---	---	739.128	739.073	739.085	738.961	738.894	738.803	738.822E	---	---	23
24	---	---	---	739.125	739.080	739.084	738.955	738.906	738.800	738.821E	---	---	24
25	---	---	---	739.123	739.080	739.078	738.951	738.914	738.806	738.819E	---	---	25
26	---	---	---	739.122	739.079	739.075	738.947	738.915	738.828	738.818E	---	---	26
27	---	---	---	739.122	739.079	739.071	738.944	738.912	738.824	738.817E	---	---	27
28	---	---	---	739.121	739.079	739.068	738.937	738.907	738.820	738.816E	---	---	28
29	---		---	739.129	739.076	739.065	738.934	738.902	738.817	738.815E	---	---	29
30	---		739.157A	739.130	739.073	739.060	738.935	738.897	738.823	738.814E	---	---	30
31	---		739.160		739.071		738.940	738.894		738.813E		---	31
MEAN	---	---	---	739.142	739.088	739.067	738.985	738.916	738.833	738.822	---	---	MEAN
MAX	---	---	---	739.159	739.128	739.088	739.057	738.953	738.889	738.841	---	---	MAX
MIN	---	---	---	739.121	739.058	739.041	738.934	738.893	738.800	738.809	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 739.160 ON MAR 31

MAXIMUM INSTANTANEOUS,
739.160 AT 15:31 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 55 N
LONG 102 17 28 W

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KIPABISKAU LAKE NEAR MCKAGUE - STATION NO. 05LA007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	513.510E	513.525	513.494	513.463	513.441E	513.513E	---	1
2	---	---	---	---	---	513.505	513.525	513.489E	513.454E	513.439E	513.515E	---	2
3	---	---	---	---	---	513.500E	513.525	513.484	513.445	513.438	513.516	---	3
4	---	---	---	---	---	513.495	513.525E	513.484E	513.444E	513.436E	513.516E	---	4
5	---	---	---	---	---	513.490E	513.525	513.484	513.443	513.434E	513.515E	---	5
6	---	---	---	---	---	513.485	513.525	513.482E	513.438E	513.432	513.515E	---	6
7	---	---	---	---	---	513.480E	513.514E	513.481E	513.433	513.436	513.514E	---	7
8	---	---	---	---	---	513.475	513.504	513.480	513.429E	513.438	513.514E	---	8
9	---	---	---	---	---	513.470E	513.504E	513.478	513.425	513.442	513.513E	---	9
10	---	---	---	---	---	513.465	513.504E	513.476E	513.424E	513.449E	513.513E	---	10
11	---	---	---	---	---	513.460E	513.504	513.474	513.423	513.455E	513.512	---	11
12	---	---	---	---	513.568	513.455	513.501E	513.470E	513.420E	513.462	513.512E	---	12
13	---	---	---	---	513.556	513.464E	513.498E	513.467E	513.418	513.479E	513.512E	---	13
14	---	---	---	---	513.556	513.473	513.494	513.463	513.415E	513.496	513.512E	---	14
15	---	---	---	---	513.551E	513.473E	513.498E	513.460E	513.413	513.497E	513.512E	---	15
16	---	---	---	---	513.546	513.473	513.501E	513.457E	513.408E	513.498E	513.512	---	16
17	---	---	---	---	513.541E	513.474E	513.504	513.453	513.403	513.500E	513.512E	---	17
18	---	---	---	---	513.536	513.475	513.504E	513.473	513.400E	513.501E	513.512E	---	18
19	---	---	---	---	513.531E	513.473E	513.504	513.470E	513.397E	513.502	513.512	---	19
20	---	---	---	---	513.526	513.471	513.504E	513.467E	513.395E	513.502E	513.512E	---	20
21	---	---	---	---	513.521E	513.485	513.504	513.463	513.392	513.502E	513.512	---	21
22	---	---	---	---	513.516	513.495	513.503E	513.463E	513.389E	513.502E	513.515E	---	22
23	---	---	---	---	513.511E	513.503	513.501E	513.463	513.386E	513.502E	513.518	---	23
24	---	---	---	---	513.506	513.504E	513.500	513.463E	513.382	513.502E	513.517E	---	24
25	---	---	---	---	513.496	513.505	513.497E	513.463	513.392E	513.502E	513.516E	---	25
26	---	---	---	---	513.499E	513.508E	513.494	513.463E	513.402	513.502E	513.515E	---	26
27	---	---	---	---	513.502	513.511E	513.494E	513.463	513.412E	513.502	513.515E	---	27
28	---	---	---	---	513.526	513.515E	513.494E	513.463E	513.422E	513.505E	513.514E	---	28
29	---		---	---	513.526	513.518E	513.494	513.463	513.432E	513.507E	513.513E	---	29
30	---		---	---	513.521E	513.521E	513.504	513.463E	513.442	513.510E	513.512E	---	30
31	---		---		513.515		513.499E	513.463		513.512		---	31
MEAN	---	---	---	---	---	513.488	513.506	513.470	513.418	513.478	513.514	---	MEAN
MAX	---	---	---	---	---	513.521	513.525	513.494	513.463	513.512	513.518	---	MAX
MIN	---	---	---	---	---	513.455	513.494	513.453	513.382	513.432	513.512	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MINIMUM DAILY, 513.382 ON SEP 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 16 N
LONG 104 11 04 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KNOX COULEE NEAR TUXFORD - STATION NO. 05JG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0	0	0	0	0	0	0	0	---	---	1
2	---	0B	0	0	0	0	0	0	0	0	---	---	2
3	---	0B	0	0	0	0	0	0	0	0	---	---	3
4	---	0B	0	0	0	0	0	0	0	0	---	---	4
5	---	0B	0	0	0	0	0	0	0	0	---	---	5
6	---	0B	0	0	0	0	0	0	0	0	---	---	6
7	---	0B	0	0	0	0	0	0	0	0	---	---	7
8	---	0B	0	0	0	0	0	0	0	0	---	---	8
9	---	0B	0	0	0	0	0	0	0	0	---	---	9
10	---	0B	0	0	0	0	0	0	0	0	---	---	10
11	---	0B	0	0	0	0	0	0	0	0	---	---	11
12	---	0B	0	0	0	0	0	0	0	0	---	---	12
13	---	0B	0	0	0	0	0	0	0	0	---	---	13
14	---	0B	0	0	0	0	0	0	0	0	---	---	14
15	---	0B	0	0	0	0	0	0	0	0	---	---	15
16	---	0B	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 41 N
LONG 105 36 05 W
DRAINAGE AREA, 24.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

LAC LA RONGE AT LA RONGE - STATION NO. 06CB001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	364.038	364.044E	364.045	364.062	364.159	364.221	364.184	364.127	363.993	363.812E	363.754	363.760	1
2	364.043	364.044E	364.052	364.060	364.162	364.221	364.184	364.126	363.960	363.809E	363.761	363.757	2
3	364.048	364.045E	364.045	364.064	364.165	364.221	364.186	364.125	363.967	363.807E	363.771	363.751	3
4	364.048	364.045E	364.047	364.062	364.172	364.204	364.170	364.126	363.974	363.805E	363.744	363.753	4
5	364.040	364.045E	364.047	364.062	364.178	364.203	364.169	364.123	363.961	363.802E	363.751	363.760	5
6	364.040	364.045E	364.046	364.073	364.182	364.218	364.180	364.115	363.944	363.800E	363.747	363.764	6
7	364.040	364.045E	364.045	364.081	364.187	364.219	364.176	364.114	363.947	363.798E	363.741	363.761	7
8	364.040	364.045E	364.045	364.085	364.188	364.219	364.129	364.113	363.950	363.796E	363.741	363.755	8
9	364.041	364.046E	364.046	364.089	364.189	364.218	364.140	364.102	363.944	363.795E	363.745	363.755	9
10	364.044	364.046E	364.045	364.090	364.194	364.213	364.148	364.097	363.927	363.794E	363.753	363.766	10
11	364.040A	364.046E	364.042	364.093	364.198	364.212	364.149	364.089	363.932	363.792E	363.763	363.763	11
12	364.040E	364.046E	364.044	364.095	364.199	364.212	364.148	364.086	363.920	363.790E	363.757	363.766	12
13	364.040E	364.046E	364.047	364.102	364.203	364.210	364.151	364.046	363.912	363.788E	363.748	363.762	13
14	364.041E	364.046E	364.046	364.104	364.207	364.205	364.158	364.064	363.915	363.786E	363.757	363.762	14
15	364.041E	364.047E	364.047	364.103	364.206	364.200	364.160	364.061	363.899	363.785E	363.771	363.766	15
16	364.041E	364.047E	364.049	364.105	364.208	364.201	364.150	364.051	363.870A	363.783E	363.771	363.767	16
17	364.041E	364.047E	364.049	364.106	364.210	364.214	364.145	364.054	363.865E	363.781E	363.771	363.767	17
18	364.041E	364.047E	364.041	364.109	364.213	364.206	364.137	364.057	363.858E	363.779E	363.761	363.772	18
19	364.042E	364.047E	364.045	364.111	364.217	364.202	364.149	364.058	363.853E	363.778E	363.758	363.778	19
20	364.042E	364.048E	364.048	364.112	364.214	364.208	364.141	364.057	363.848E	363.777E	363.758	363.774	20
21	364.042E	364.048E	364.051	364.111	364.220	364.209	364.139	364.051	363.845E	363.776E	363.755	363.770	21
22	364.042E	364.048E	364.055	364.112	364.219	364.208	364.139	364.041	363.840E	363.776E	363.764	363.777	22
23	364.042E	364.048A	364.054	364.114	364.219	364.209	364.167	364.046	363.836E	363.775E	363.755	363.778	23
24	364.043E	364.046	364.053	364.122	364.220	364.201	364.166	364.044	363.832E	363.774E	363.755	363.782	24
25	364.043E	364.047	364.054	364.121	364.225	364.203	364.160	364.038	363.828E	363.773E	363.757	363.780	25
26	364.043E	364.049	364.055	364.130	364.227	364.207	364.155	364.035	363.825E	363.772E	363.756	363.784	26
27	364.043E	364.046	364.055	364.130	364.228	364.192	364.147	364.026	363.822E	363.771A	363.752	363.775	27
28	364.043E	364.046	364.058	364.137	364.230	364.189	364.144	364.013	363.819E	363.770A	363.751	363.779	28
29	364.044E		364.059	364.147	364.226	364.192	364.151	364.004	363.817E	363.761	363.754	363.781	29
30	364.044E		364.057	364.152	364.226	364.189	364.150	364.012	363.814E	363.743	363.745	363.779	30
31	364.044E		364.056		364.223		364.141	363.986		363.755		363.779	31
MEAN	364.042	364.046	364.049	364.101	364.204	364.208	364.155	364.067	363.891	363.784	363.756	363.768	MEAN
MAX	364.048	364.049	364.059	364.152	364.230	364.221	364.186	364.127	363.993	363.812	363.771	363.784	MAX
MIN	364.038	364.044	364.041	364.060	364.159	364.189	364.129	363.986	363.814	363.743	363.741	363.751	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 364.006
MAXIMUM DAILY, 364.230 ON MAY 28
MINIMUM DAILY, 363.741 ON NOV 7
MAXIMUM INSTANTANEOUS,
364.246 AT 15:06 CST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 50 N
LONG 105 18 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAC PELLETIER NEAR VESPER - STATION NO. 05HD028

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	828.880	828.931	828.911	828.903	828.941	828.914E	828.807E	828.688E	828.699E	---	1
2	---	---	828.880	828.932E	828.908E	828.904E	828.941E	828.913E	828.810	828.688	828.701	---	2
3	---	---	828.881E	828.933	828.906E	828.905	828.940	828.912	828.784E	828.688E	828.702E	---	3
4	---	---	828.882	828.931E	828.903	828.902E	828.936E	828.911E	828.758	828.687E	828.697	---	4
5	---	---	828.882E	828.929E	828.900E	828.899	828.933E	828.910	828.728E	828.687	828.703E	---	5
6	---	---	828.882	828.927	828.897	828.903E	828.930	828.909E	828.697E	828.685E	828.703	---	6
7	---	---	828.887E	828.928E	828.897E	828.906E	828.928E	828.908	828.667	828.683	828.703E	---	7
8	---	---	828.893E	828.929	828.897	828.910	828.926	828.900E	828.653E	828.681E	828.703E	---	8
9	---	---	828.898	828.931E	828.896E	828.909E	828.903E	828.892E	828.639	828.679	828.703	---	9
10	---	---	828.898E	828.932	828.895E	828.908	828.880	828.884	828.689E	828.679E	828.704E	---	10
11	---	---	828.898	828.931E	828.894	828.915E	828.890E	828.874E	828.739	828.679E	828.705	---	11
12	---	---	828.899E	828.929E	828.893E	828.922	828.899E	828.863	828.733E	828.679	828.705E	---	12
13	---	---	828.900	828.927	828.892	828.931E	828.908	828.856E	828.727E	828.685E	828.705	---	13
14	---	---	828.901E	828.925E	828.889E	828.941E	828.930E	828.849	828.721	828.691	828.705E	---	14
15	---	---	828.901E	828.923	828.886	828.950	828.952	828.848E	828.720E	828.692E	828.705E	---	15
16	---	---	828.902	828.920E	828.887E	828.948E	828.948E	828.848E	828.719	828.694	828.705	---	16
17	---	---	828.904E	828.918	828.887E	828.946	828.943	828.847	828.713E	828.694E	828.711E	---	17
18	---	---	828.906	828.916E	828.888	828.949E	828.946E	828.851E	828.707	828.694E	828.717	---	18
19	---	---	828.907E	828.915E	828.888E	828.953	828.949E	828.855	828.705E	828.694	828.718E	---	19
20	---	---	828.908	828.913	828.888	828.953E	828.953	828.852E	828.702E	828.694E	828.719	---	20
21	---	---	828.909E	828.913E	828.890E	828.954E	828.947E	828.849	828.700	828.694	---	---	21
22	---	---	828.909E	828.913	828.892	828.955	828.941	828.843E	828.697E	828.694E	---	---	22
23	---	---	828.910	828.913E	828.892E	828.952E	828.938E	828.837	828.694	828.694	---	---	23
24	---	---	828.911E	828.913	828.891E	828.949	828.935	828.836E	828.693E	828.694E	---	---	24
25	---	---	828.912	828.913E	828.891	828.948E	828.935E	828.835E	828.692	828.694E	---	---	25
26	---	---	828.914E	828.913E	828.890E	828.947	828.934E	828.834	828.692E	828.694E	---	---	26
27	---	---	828.916	828.913	828.889	828.946E	828.933	828.826E	828.692E	828.694E	---	---	27
28	---	---	828.919E	828.912E	828.888E	828.944E	828.926E	828.818	828.692	828.694E	---	---	28
29	---		828.922E	828.912	828.887	828.943E	828.920	828.813E	828.690E	828.695E	---	---	29
30	---		828.924	828.911E	828.892E	828.941	828.918E	828.809E	828.688	828.695	---	---	30
31	---		828.927E		828.898E		828.916	828.804		828.697E		---	31
MEAN	---	---	828.902	828.922	828.894	828.931	828.930	828.861	828.712	828.690	---	---	MEAN
MAX	---	---	828.927	828.933	828.911	828.955	828.953	828.914	828.810	828.697	---	---	MAX
MIN	---	---	828.880	828.911	828.886	828.899	828.880	828.804	828.639	828.679	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 828.955 ON JUN 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 00 35 N
LONG 107 56 00 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA NEAR CRACKINGSTONE POINT - STATION NO. 07MC003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.276	208.187E	208.086	208.056	208.229	208.663	208.787	208.748	208.615	208.362	208.144	208.008	1
2	208.274	208.180E	208.092	208.051	208.266	208.674	208.779	208.747	208.598	208.357	208.123	208.023	2
3	208.279	208.175E	208.099	208.061	208.304	208.695	208.788	208.751	208.581	208.379	208.060	208.035	3
4	208.282	208.168E	208.088	208.059A	208.354	208.717	208.799	208.751	208.561	208.333	208.113	208.015	4
5	208.279	208.163E	208.084	208.062E	208.408	208.731	208.768	208.747	208.569	208.300	208.106	208.014	5
6	208.253	208.159E	208.083	208.065E	208.461	208.672	208.750	208.754	208.561	208.284	208.119	208.019	6
7	208.263	208.154E	208.082	208.068E	208.502	208.676	208.747	208.765A	208.537	208.209	208.103	207.999	7
8	208.249	208.149E	208.077	208.071E	208.519	208.716	208.798	208.747	208.548	208.206	208.078	208.018	8
9	208.239	208.144E	208.080	208.074E	208.533	208.752	208.808	208.749	208.542	208.245	208.085	208.006	9
10	208.235	208.139E	208.079	208.078E	208.546	208.761	208.799	208.746	208.562	208.263	208.076	208.008	10
11	208.242	208.134E	208.082	208.079A	208.556	208.760	208.783	208.726	208.513	208.278	208.067	208.003	11
12	208.240	208.129E	208.072	208.083	208.566	208.766	208.779	208.739	208.522	208.276	208.072	208.016	12
13	208.243	208.125E	208.073	208.081	208.563	208.779	208.780	208.719	208.513	208.270	208.086	208.013	13
14	208.239	208.122E	208.070	208.085	208.556	208.783	208.764	208.722	208.495	208.256	208.057	208.004	14
15	208.231	208.120E	208.063	208.091	208.560	208.785	208.765	208.724	208.483	208.254	208.030	207.999	15
16	208.231	208.118E	208.061	208.097	208.570	208.781	208.774	208.729	208.494	208.245	208.030	207.997	16
17	208.227	208.115A	208.065	208.102	208.580	208.785	208.789	208.724	208.485	208.228	208.028	207.990	17
18	208.223	208.113	208.064	208.104	208.592	208.774	208.764	208.704	208.458	208.214	208.045	207.993	18
19	208.218	208.110	208.064	208.100	208.604	208.776	208.748	208.681	208.415	208.174	208.041	207.986	19
20	208.222	208.115	208.057	208.109	208.610	208.774	208.741	208.704	208.441	208.215	208.042	207.981	20
21	208.212	208.113	208.059	208.120	208.608	208.781	208.748	208.699	208.453	208.199	208.040	207.980	21
22	208.208	208.099	208.065	208.120	208.593	208.780	208.748	208.686	208.433	208.190	208.032	207.990	22
23	208.209	208.109	208.056	208.128	208.612	208.783	208.761	208.688	208.424	208.179	208.040	207.978	23
24	208.211	208.106	208.057	208.126	208.621	208.772	208.746	208.665	208.419	208.156	208.035	207.984	24
25	208.202	208.101	208.055	208.137	208.625	208.782	208.747	208.660	208.409	208.137	208.024	207.988	25
26	208.194	208.102	208.065	208.151	208.633	208.790	208.746	208.661	208.379	208.141	208.032	207.992	26
27	208.192	208.100	208.055	208.163	208.610	208.783	208.754	208.663	208.360	208.141	208.028	207.994	27
28	208.183	208.097	208.062	208.169	208.633	208.779	208.753	208.668	208.354	208.120	208.039	207.987	28
29	208.185		208.051	208.188	208.638	208.778	208.760	208.612	208.356	208.135	208.032	207.961	29
30	208.187		208.052	208.207	208.629	208.797	208.755	208.610	208.349	208.134	208.031	207.952	30
31	208.179A		208.051		208.641		208.749	208.604		208.144		207.947	31
MEAN	208.223	208.130	208.069	208.103	208.539	208.755	208.767	208.706	208.481	208.227	208.061	207.996	MEAN
MAX	208.282	208.187	208.099	208.207	208.641	208.797	208.808	208.765	208.615	208.379	208.144	208.035	MAX
MIN	208.179	208.097	208.051	208.051	208.229	208.663	208.741	208.604	208.349	208.120	208.024	207.947	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 208.340
MAXIMUM DAILY, 208.808 ON JUL 9
MINIMUM DAILY, 207.947 ON DEC 31
MAXIMUM INSTANTANEOUS,
208.875 AT 19:50 CST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 55 N
LONG 108 52 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE DIEFENBAKER AT GARDINER DAM - STATION NO. 05HF003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	553.575	552.487	551.527	551.647	551.494	554.533	556.383	556.768	556.571	555.808	554.963	554.081	1
2	553.540	552.445	551.522	551.628	551.502	554.697	556.375	556.749	556.531	555.778	554.951	554.057	2
3	553.518	552.401	551.520	551.596	551.502	554.827	556.390	556.726	556.470	555.728	554.929	554.019	3
4	553.500	552.357	551.502	551.592	551.510	554.938	556.400	556.701	556.453	555.702	554.915	553.968	4
5	553.483	552.319	551.481	551.579	551.512	555.049	556.385A	556.714	556.439	555.681	554.895	553.926	5
6	553.436	552.265	551.470	551.628	551.528	555.158	556.385A	556.774	556.426	555.655	554.861	553.903	6
7	553.405	552.210	551.449	551.575	551.543	555.288	556.384A	556.808	556.414	555.627	554.828	553.858	7
8	553.376	552.156	551.427	551.537	551.556	555.394	556.425A	556.808	556.404	555.617	554.810	553.807	8
9	553.322	552.103	551.410	551.532	551.609	555.495	556.385A	556.804	556.385	555.581	554.802	553.778	9
10	553.300	552.055	551.409	551.510	551.622	555.573	556.356A	556.802	556.368	555.551	554.782	553.771	10
11	553.260	551.996	551.421	551.505	551.656	555.641	556.353A	556.816	556.333	555.476	554.781	553.701	11
12	553.222	551.938	551.409	551.509	551.686	555.698	556.388A	556.823	556.284	555.468	554.770	553.672	12
13	553.196	551.885	551.403	551.484	551.721	555.700	556.422A	556.816	556.257	555.476	554.747	553.627	13
14	553.146	551.848	551.399	551.485	551.748	555.746	556.474A	556.815	556.232	555.430	554.713	553.582	14
15	553.111	551.792	551.399	551.502	551.760	555.848	556.489A	556.827	556.203	555.390	554.692	553.534	15
16	553.080	551.729	551.403	551.498	551.847	555.864	556.482A	556.834	556.178	555.359	554.629	553.486	16
17	553.054	551.669	551.406	551.471	551.957	555.849	556.479A	556.822	556.166	555.304	554.584	553.447	17
18	553.018	551.625	551.428	551.455	552.052	555.903	556.467	556.828	556.150	555.289	554.574	553.397	18
19	552.982	551.606	551.444	551.469	552.125	555.993	556.452	556.815	556.127	555.272	554.552	553.368	19
20	552.932	551.598	551.450	551.477	552.180A	556.062	556.426	556.809	556.116	555.240	554.518	553.324	20
21	552.908	551.588	551.481	551.468	552.368E	556.131	556.433	556.799	556.062	555.227	554.466	553.247	21
22	552.883	551.586	551.492	551.477	552.560E	556.180	556.475	556.787	556.065	555.185	554.436	553.200	22
23	552.852	551.571	551.511	551.487	552.740E	556.226	556.531	556.777	556.026	555.161	554.394	553.166	23
24	552.799	551.557	551.505	551.491	552.930E	556.254	556.559	556.749	555.988	555.125	554.352	553.114	24
25	552.766	551.548	551.487	551.482	553.120E	556.260	556.604	556.730	555.955	555.106	554.310	553.063	25
26	552.721	551.538	551.488	551.477	553.310E	556.272	556.640	556.711	555.936	555.088	554.274	553.017A	26
27	552.678	551.534	551.523	551.484	553.500E	556.296	556.671	556.690	555.900	555.060	554.233	552.951A	27
28	552.629	551.540	551.559	551.488	553.685E	556.339	556.699	556.672	555.886	555.045	554.202	552.908E	28
29	552.593		551.595	551.485	553.872A	556.367	556.698	556.622	555.847	555.027	554.166	552.868E	29
30	552.566		551.621	551.477	554.075	556.375	556.757	556.621	555.808	555.004	554.123	552.828A	30
31	552.533		551.639		554.306		556.762	556.575		554.991		552.784E	31
MEAN	553.077	551.891	551.477	551.517	552.277	555.732	556.488	556.761	556.199	555.369	554.608	553.466	MEAN
MAX	553.575	552.487	551.639	551.647	554.306	556.375	556.762	556.834	556.571	555.808	554.963	554.081	MAX
MIN	552.533	551.534	551.399	551.455	551.494	554.533	556.353	556.575	555.808	554.991	554.123	552.784	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 554.085
MAXIMUM DAILY, 556.834 ON AUG 16
MINIMUM DAILY, 551.399 ON MAR 14
MAXIMUM INSTANTANEOUS,
557.059 AT 21:20 CST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 49 N
LONG 106 50 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

LAKE DIEFENBAKER AT SASKATCHEWAN LANDING - STATION NO. 05HC004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	551.490A	551.624	551.467	554.563	556.309	556.765	556.503	555.789	554.902E	---	1
2	---	---	551.484A	551.605E	551.447	554.732	556.324	556.744	556.440	555.767	554.864E	---	2
3	---	---	551.468A	551.590E	551.402	554.850	556.358	556.723	556.452	555.759	554.831E	---	3
4	---	---	551.460A	551.575E	551.523	554.951	556.367	556.710	556.431	555.739	554.796A	---	4
5	---	---	551.454A	551.565E	551.578	555.072	556.379	556.698	556.395A	555.703	---	---	5
6	---	---	551.438A	551.550E	551.580	555.218	556.358	556.739	556.365	555.689	---	---	6
7	---	---	551.421A	551.535E	551.523	555.293	556.362	556.757	556.344	555.667	---	---	7
8	---	---	551.404A	551.520E	551.537	555.435	556.307	556.768	556.338	555.607	---	---	8
9	---	---	551.388A	551.510E	551.515	555.510	556.360	556.756	556.317	555.594A	---	---	9
10	---	---	551.383A	551.500E	551.567	555.596	556.396	556.768	556.288E	555.552A	---	---	10
11	---	---	551.376A	551.495E	551.592	555.670	556.379	556.773	556.260E	555.583	---	---	11
12	---	---	551.367A	551.485E	551.605	555.727	556.429	556.802	556.245E	555.512	---	---	12
13	---	---	551.358A	551.475E	551.627	555.869	556.460	556.822	556.229E	555.442A	---	---	13
14	---	---	551.348A	551.478E	551.694	555.897	556.468	556.821	556.198E	555.400A	---	---	14
15	---	---	551.344A	551.480E	551.886	555.810	556.489	556.812A	556.177A	555.404	---	---	15
16	---	---	551.351	551.455E	551.901	555.817	556.504	556.830A	556.155E	555.374A	---	---	16
17	---	---	551.365	551.430E	551.917	555.783	556.485	556.849A	556.127E	555.356E	---	---	17
18	---	---	551.371	551.415E	551.972	555.865	556.478	556.835A	556.105E	555.342E	---	---	18
19	---	---	551.395	551.400E	552.043	555.970	556.463	556.830	556.084A	555.317E	---	---	19
20	---	---	551.412	551.405E	552.107	556.055	556.440	556.819	556.007A	555.259A	---	---	20
21	---	---	551.440	551.415E	552.259	556.087	556.420	556.779	556.054A	555.175A	---	---	21
22	---	---	551.470	551.418A	552.436	556.146	556.458	556.778A	555.989E	555.166E	---	---	22
23	---	551.542A	551.479	551.438	552.572	556.161	556.503	556.783	555.975A	555.135E	---	---	23
24	---	551.533A	551.476	551.428	552.761	556.182	556.577	556.777	555.980A	555.129E	---	---	24
25	---	551.532A	551.497	551.441	552.926	556.227	556.611	556.748A	555.973E	555.103A	---	---	25
26	---	551.526A	551.523	551.448	553.131	556.241	556.652	556.724	555.931E	555.075A	---	---	26
27	---	551.514A	551.527	551.453	553.377	556.270	556.676	556.707	555.899E	555.058A	---	---	27
28	---	551.501A	551.566	551.442	553.581	556.286	556.700	556.657	555.852E	555.039A	---	---	28
29	---		551.610	551.426	553.872	556.319	556.749	556.633	555.815A	555.015A	---	---	29
30	---		551.634	551.463	554.140	556.323	556.750	556.567	555.795	554.971A	---	---	30
31	---		551.647		554.370		556.757	556.561		554.936E		---	31
MEAN	---	---	551.450	551.482	552.225	555.731	556.483	556.753	556.157	555.376	---	---	MEAN
MAX	---	---	551.647	551.624	554.370	556.323	556.757	556.849	556.503	555.789	---	---	MAX
MIN	---	---	551.344	551.400	551.447	554.563	556.307	556.561	555.795	554.936	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 556.849A ON AUG 17
MINIMUM DAILY, 551.344A ON MAR 15
MAXIMUM INSTANTANEOUS,
556.880 AT 00:01 CST ON AUG 18

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 21 N
LONG 107 58 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

LAKE OF THE RIVERS WEST INFLOW - STATION NO. 05JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.001	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.001	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.001	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0	0	0	0	0	0	0	0	---	---	14
15	---	0.010B	0	0	0	0	0	0	0	0	---	---	15
16	---	0.050B	0	0	0	0	0	0	0	0	---	---	16
17	---	0.200B	0	0	0	0	0	0	0	0	---	---	17
18	---	0.169	0	0	0	0	0	0	0	0	---	---	18
19	---	0.143	0	0	0	0	0	0	0	0	---	---	19
20	---	0.110	0	0	0	0	0	0	0	0	---	---	20
21	---	0.095	0	0	0	0	0	0	0	0	---	---	21
22	---	0.061	0	0	0	0	0	0	0	0	---	---	22
23	---	0.024	0	0	0	0	0	0	0	0	---	---	23
24	---	0.006	0	0	0	0	0	0	0	0	---	---	24
25	---	0.003	0	0	0	0	0	0	0	0	---	---	25
26	---	0.002	0	0	0	0	0	0	0	0	---	---	26
27	---	0.002	0	0	0	0	0	0	0	0	---	---	27
28	---	0.001	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0.876	0.004	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.031	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.200	0.001	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.001 ON MAR 1
MINIMUM DAILY, 0 ON MAR 5
MAXIMUM INSTANTANEOUS,
0.430B AT 12:50 CST ON FEB 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 25 N
LONG 105 46 41 W
DRAINAGE AREA, 64.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	75.7	AUG	0
MAR	0.35	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.35 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

LANIGAN CREEK BELOW DIVERSION - STATION NO. 05JJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0	0	0	0	0.378	0.060	0.015	0.020E	---	1
2	---	0B	0 B	0	0	0	0	0.398	0.058	0.011	0.020E	---	2
3	---	0B	0 B	0	0	0	0	0.388	0.051	0.012	0.020A	---	3
4	---	0B	0 B	0	0	0	0	0.380	0.044	0.010	---	---	4
5	---	0B	0 B	0	0	0	0	0.388	0.043	0.009	---	---	5
6	---	0B	0 B	0	0	0	0	0.402	0.037	0.007	---	---	6
7	---	0B	0 B	0	0	0	0.002	0.410	0.032	0.006	---	---	7
8	---	0B	0 B	0	0	0	0.005	0.401	0.027	0.006	---	---	8
9	---	0B	0 B	0	0	0	0.016	0.393	0.025	0.010	---	---	9
10	---	0B	0 B	0	0	0	0.036	0.378	0.026	0.007	---	---	10
11	---	0B	0 B	0	0	0	0.058	0.368	0.025	0.011	---	---	11
12	---	0B	0 B	0	0	0	0.080	0.360	0.021	0.028	---	---	12
13	---	0B	0 B	0	0	0	0.111	0.349	0.019	0.039A	---	---	13
14	---	0B	0 B	0	0	0	0.146	0.342	0.017	0.025E	---	---	14
15	---	0B	0.001B	0	0	0	0.218	0.328	0.014	0.022E	---	---	15
16	---	0B	0.002B	0	0	0	0.297	0.302	0.011	0.020E	---	---	16
17	---	0B	0.002B	0	0	0	0.329	0.278	0.008	0.020E	---	---	17
18	---	0B	0.002B	0	0	0	0.358	0.267	0.007	0.020E	---	---	18
19	---	0B	0.002B	0	0	0	0.402	0.238	0.004	0.020E	---	---	19
20	---	0B	0.001B	0	0	0	0.395	0.203	0.003	0.020E	---	---	20
21	---	0B	0.001B	0	0	0	0.385	0.168	0.004	0.020E	---	---	21
22	---	0B	0.001B	0	0	0	0.381	0.156	0.006	0.020E	---	---	22
23	---	0B	0.001B	0	0	0	0.401	0.144	0.005	0.020E	---	---	23
24	---	0B	0.001B	0	0	0	0.412	0.136	0.004	0.020E	---	---	24
25	---	0B	0 B	0	0	0	0.419	0.126	0.007	0.020E	---	---	25
26	---	0B	0	0	0	0	0.416	0.111	0.049	0.020E	---	---	26
27	---	0B	0	0	0	0	0.403	0.094A	0.029	0.020E	---	---	27
28	---	0B	0	0	0	0	0.383	0.094A	0.024	0.020E	---	---	28
29	---		0	0	0	0	0.372	0.084	0.025	0.020E	---	---	29
30	---		0	0	0	0	0.369	0.076	0.021	0.020E	---	---	30
31	---		0		0		0.363	0.068		0.020E		---	31
TOTAL	---	0	0.014	0	0	0	6.757	8.208	0.706	0.538	---	---	TOTAL
MEAN	---	0	0	0	0	0	0.218	0.265	0.024	0.017	---	---	MEAN
MAX	---	0	0.002	0	0	0	0.419	0.410	0.060	0.039	---	---	MAX
MIN	---	0	0	0	0	0	0	0.068	0.003	0.006	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 0.419 ON JUL 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.442 AT 16:25 CST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 55 N
LONG 105 14 15 W
DRAINAGE AREA, 2 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	584
FEB	0	AUG	709
MAR	1.21	SEP	61.0
APR	0	OCT	46.5
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 400 dam³

LANIGAN CREEK NEAR LANIGAN - STATION NO. 05JJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0B	0	0	0	0.001	0	0	0	---	---	1
2	---	0B	0B	0	0	0	0.00	0	0	0	---	---	2
3	---	0B	0B	0	0	0	0.001	0	0	0	---	---	3
4	---	0B	0B	0	0	0	0.001	0	0	0	---	---	4
5	---	0B	0B	0	0	0	0.001	0	0	0	---	---	5
6	---	0B	0B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0B	0	0	0	0	0	0	0.001	---	---	12
13	---	0B	0B	0	0	0.001	0	0	0	0.001	---	---	13
14	---	0B	0B	0	0	0.004	0	0	0	0.001	---	---	14
15	---	0B	0B	0	0	0.005	0.001	0	0	0	---	---	15
16	---	0B	0B	0	0	0.006	0.001	0	0	0	---	---	16
17	---	0B	0B	0	0	0.005	0.001	0	0	0	---	---	17
18	---	0B	0B	0	0	0.005	0.001	0	0	0	---	---	18
19	---	0B	0B	0	0	0.004	0	0	0	0	---	---	19
20	---	0B	0B	0	0	0.004	0	0	0	0	---	---	20
21	---	0B	0B	0	0	0.004	0	0	0	0	---	---	21
22	---	0B	0B	0	0	0.004	0	0	0	0	---	---	22
23	---	0B	0B	0	0	0.004	0	0	0	0	---	---	23
24	---	0B	0B	0	0	0.003	0.001	0	0	0	---	---	24
25	---	0B	0B	0	0	0.003	0.001	0	0	0	---	---	25
26	---	0B	0B	0	0	0.003	0	0	0	0	---	---	26
27	---	0B	0B	0	0	0.002	0	0	0	0	---	---	27
28	---	0B	0B	0	0.001	0.002	0	0	0	0	---	---	28
29	---		0	0	0.001	0.002	0	0	0	0	---	---	29
30	---		0	0	0	0.002	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0.002	0.063	0.011	0	0	0.003	---	---	TOTAL
MEAN	---	0	0	0	0	0.002	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0.001	0.006	0.001	0	0	0.001	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.006 ON JUN 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.007 AT 08:11 CST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 16 N
LONG 104 58 52 W
DRAINAGE AREA, 587 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.95
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0.26
MAY	0.17	NOV	---
JUN	5.44	DEC	---

TOTAL DISCHARGE, 6.82 dam³

LARSEN RESERVOIR NEAR RADVILLE - STATION NO. 05NA006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	628.672E	628.644E	628.834	628.846	628.757	628.608E	628.532	628.319	628.160	628.030	627.170	---	1
2	---	628.644E	628.833	628.846	628.753	628.602E	628.525	628.313	628.156	628.028	627.172	626.624A	2
3	---	628.643A	628.835	628.842	628.748	628.597E	628.516	628.306	628.146	628.031	627.180A	---	3
4	---	628.642E	628.834	628.838	628.744	628.604E	628.508	628.300	628.140	628.029	---	---	4
5	---	628.642E	628.832	628.833	628.737	628.597E	628.497	628.299	628.135	628.027	---	---	5
6	---	628.641E	628.829	628.833	628.727	628.589E	628.489	628.291	628.130	628.024	---	---	6
7	---	628.640E	628.829	628.830	628.722	628.586E	628.476	628.284	628.124	628.023	---	---	7
8	---	628.640E	628.829	628.825	628.718	628.584E	628.458	628.282	628.119	628.023	---	---	8
9	---	628.639E	628.828	628.821	628.712	628.589E	628.447	628.276	628.112	628.026	---	---	9
10	---	628.638E	628.828	628.820	628.707	628.586E	628.438	628.271	628.106	628.025	---	---	10
11	---	628.638E	628.827	628.810	628.707	628.580E	628.430	628.267	628.096	628.023	---	---	11
12	---	628.637E	628.825	628.814	628.703	628.577E	628.424	628.259	628.092	628.038	---	---	12
13	---	628.636E	628.822	628.810	628.702	628.597E	628.417	628.253	628.085	628.048	---	---	13
14	---	628.635E	628.825	628.806	628.700	628.621E	628.423	628.244	628.078	628.044	---	---	14
15	---	628.670E	628.827	628.805	628.697	628.623E	628.416	628.245	628.073	628.044	---	---	15
16	---	628.700E	628.826	628.803	628.689	628.618E	628.411	628.243	628.067	628.044	---	---	16
17	---	628.725E	628.822	628.798	628.682	628.616E	628.403	628.238	628.060	628.045	---	---	17
18	---	628.750E	628.823	628.794	628.674	628.610E	628.397	628.231	628.057	628.040	---	---	18
19	---	628.770E	628.822	628.792	628.668	628.608E	628.394	628.223	628.055	628.039	---	---	19
20	---	628.790E	628.819	628.789	628.663	628.605E	628.390	628.215	628.048	628.036	---	---	20
21	---	628.800E	628.820	628.785	628.659	628.602E	628.391	628.212	628.045	628.032	---	---	21
22	---	628.810E	628.817	628.779	628.653	628.596E	628.386	628.208	628.041	628.028	---	---	22
23	---	628.815E	628.819	628.774	628.646	628.589E	628.381	628.201	628.037	628.015	---	---	23
24	---	628.820E	628.818	628.769	628.639	628.579E	628.374	628.201	628.032	627.896	---	---	24
25	---	628.825A	628.820	628.765	628.635	628.570E	628.365	628.207	628.035	627.618	---	---	25
26	---	628.830	628.816	628.763	628.631A	628.564E	628.358	628.203	628.043	627.236	---	---	26
27	---	628.835	628.821	628.768	628.627E	628.558E	628.348	628.196	628.039	627.092	---	---	27
28	---	628.835	628.835	628.766	628.623E	628.550E	628.340	628.189	628.036	627.123	---	---	28
29	---		628.836	628.767	628.618E	628.544A	628.336	628.182	628.033	627.150	---	---	29
30	---		628.836	628.761	628.613E	628.538	628.334	628.178	628.033	627.161	626.625E	626.594A	30
31	628.645E		628.850		628.613E		628.327	628.171		627.166		626.594E	31
MEAN	---	628.712	628.827	628.802	628.683	628.590	628.417	628.242	628.080	627.845	---	---	MEAN
MAX	---	628.835	628.850	628.846	628.757	628.623	628.532	628.319	628.160	628.048	---	---	MAX
MIN	---	628.635	628.816	628.761	628.613	628.538	628.327	628.171	628.032	627.092	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 628.850 ON MAR 31

MAXIMUM INSTANTANEOUS,
628.853 AT 07:05 CST ON MAR 31

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 104 16 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

LAST MOUNTAIN LAKE AT ROWAN'S RAVINE - STATION NO. 05JH004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	489.609	489.630	489.641	489.644	489.628	489.620	489.670	489.731	489.668	489.587	489.631	489.606	1
2	489.611	489.627	489.639	489.645	489.650	489.618	489.664	489.738	489.696	489.611	489.620	489.610	2
3	489.607	489.630	489.640	489.645	489.650	489.613	489.661	489.741	489.682	489.626	489.627	489.618	3
4	489.607	489.630	489.643	489.645	489.650	489.638	489.667	489.746	489.662	489.623	489.632	489.617	4
5	489.612	489.632	489.642	489.644	489.648	489.620	489.663	489.750	489.677	489.619	489.624	489.618	5
6	489.617	489.634	489.639	489.644	489.637	489.617	489.663	489.744	489.675	489.605	489.622	489.621	6
7	489.618	489.631	489.639	489.642	489.643	489.622	489.661	489.744	489.672	489.605	489.633	489.620	7
8	489.619	489.632	489.640	489.643	489.664	489.612	489.644	489.742	489.667	489.611	489.616	489.619	8
9	489.617	489.630	489.639	489.643	489.636	489.618	489.646	489.737	489.665	489.619	489.611	489.619	9
10	489.621	489.629	489.639	489.643	489.645	489.616	489.650	489.738	489.666	489.616	489.618	489.619	10
11	489.623	489.630	489.638	489.640	489.650	489.611	489.647	489.741	489.653	489.654	489.612	489.617	11
12	489.623	489.631	489.641	489.641	489.643	489.609	489.642	489.733	489.656	489.686	489.614	489.617	12
13	489.624	489.634	489.640	489.640	489.644	489.644	489.653	489.742	489.652	489.649	489.619	489.617	13
14	489.624	489.635	489.641	489.640	489.649	489.677	489.664	489.732	489.646	489.646	489.612	489.615	14
15	489.626	489.636	489.641	489.642	489.662	489.654	489.674	489.723	489.642	489.645	489.617	489.614	15
16	489.624	489.637	489.642	489.636	489.647	489.651	489.681	489.718	489.626	489.649	489.620	489.613	16
17	489.623	489.639	489.642	489.639	489.637	489.672	489.679	489.727	489.620	489.660	489.622	489.612	17
18	489.624	489.637	489.641	489.646	489.632	489.657	489.683	489.741	489.627	489.639	489.626	489.613	18
19	489.621	489.638	489.642	489.630	489.627	489.656	489.686	489.741	489.615	489.645	489.609	489.612	19
20	489.621	489.642	489.642	489.608	489.637	489.656	489.688	489.736	489.614	489.651	489.585	489.615	20
21	489.624	489.643	489.643	489.641	489.643	489.670	489.685	489.735	489.611	489.642	489.611	489.617	21
22	489.622	489.644	489.645	489.635	489.663	489.667	489.696	489.737	489.600	489.637	489.606	489.619	22
23	489.623	489.645	489.646	489.634	489.645	489.670	489.704	489.740	489.603	489.620	489.613	489.619	23
24	489.624	489.643	489.646	489.630	489.632	489.674	489.711	489.745	489.599	489.636	489.609	489.619	24
25	489.625	489.642	489.645	489.639	489.629	489.670	489.703	489.744	489.615	489.600	489.610	489.619	25
26	489.627	489.644	489.640	489.639	489.621	489.659	489.700	489.737	489.663	489.627	489.609	489.620	26
27	489.625	489.642	489.640	489.631	489.625	489.679	489.697	489.719	489.639	489.605	489.611	489.620	27
28	489.625	489.642	489.640	489.635	489.628	489.669	489.693	489.711	489.618	489.611	489.596	489.615	28
29	489.623		489.641	489.649	489.630	489.656	489.714	489.729	489.625	489.626	489.598	489.616	29
30	489.625		489.642	489.646	489.620	489.661	489.723	489.727	489.637	489.634	489.609	489.617	30
31	489.629		489.645		489.620		489.734	489.711		489.621		489.619	31
MEAN	489.621	489.636	489.641	489.639	489.640	489.645	489.679	489.735	489.643	489.629	489.615	489.617	MEAN
MAX	489.629	489.645	489.646	489.649	489.664	489.679	489.734	489.750	489.696	489.686	489.633	489.621	MAX
MIN	489.607	489.627	489.638	489.608	489.620	489.609	489.642	489.711	489.599	489.587	489.585	489.606	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 489.645
MAXIMUM DAILY, 489.750 ON AUG 5
MINIMUM DAILY, 489.585 ON NOV 20
MAXIMUM INSTANTANEOUS,
489.805 AT 15:27 CST ON AUG 3

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 52 N
LONG 105 11 08 W

REGULATED

DRAINAGE AREA,
15 500 km²

LAWRIE CREEK NEAR INSINGER - STATION NO. 05NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.008B	0.001	0	0	0	0	0	0.020	---	1
2	---	---	0 B	0.010B	0.001	0	0	0	0	0	0.030A	---	2
3	---	---	0 B	0.007B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.007B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.003B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.001	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0.002	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0.001	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0.001	0	0	0	0	0.002	---	---	13
14	---	---	0 B	0	0.001	0.297	0	0	0	0.001	---	---	14
15	---	---	0 B	0	0.002	0.138	0	0	0	0	---	---	15
16	---	---	0 B	0	0.001	0.011	0.002	0	0	0	---	---	16
17	---	---	0 B	0	0.001	0.002	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0.038	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0.013	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0.001	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0.025	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0.037	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0.012	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0.017	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0.095	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0.062	0	0	0.005	0.001	---	---	26
27	---	---	0 B	0	0	0.015	0	0	0.001	0.001	---	---	27
28	---	---	0 B	0	0.001	0.002	0	0	0	0.001	---	---	28
29	---		0 B	0	0.017	0.003	0	0	0	0.002	---	---	29
30	---		0 B	0.001	0.010	0	0	0	0	0.005	---	---	30
31	---		0.002B		0.004		0	0		0.010		---	31
TOTAL	---	---	0.002	0.038	0.044	0.768	0.002	0	0.006	0.023	---	---	TOTAL
MEAN	---	---	0	0.001	0.001	0.026	0	0	0	0.001	---	---	MEAN
MAX	---	---	0.002	0.010	0.017	0.297	0.002	0	0.005	0.010	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.297 ON JUN 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.03 AT 08:43 CST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 17 N
LONG 103 01 10 W
DRAINAGE AREA, 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.17
FEB	---	AUG	0
MAR	0.17	SEP	0.52
APR	3.28	OCT	1.99
MAY	3.80	NOV	---
JUN	66.4	DEC	---

TOTAL DISCHARGE, 76.3 dam³

LEATHER RIVER NEAR STAR CITY - STATION NO. 05KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.315B	0.050	0.011	0	0	0	0	---	---	1
2	---	---	0 B	0.293B	0.039	0.007	0	0	0	0	---	---	2
3	---	---	0 B	0.235B	0.094	0.005	0	0	0	0	---	---	3
4	---	---	0 B	0.199B	0.073	0.002	0	0	0	0	---	---	4
5	---	---	0 B	0.176B	0.055	0	0	0	0	0	---	---	5
6	---	---	0 B	0.208B	0.041	0	0	0	0	0	---	---	6
7	---	---	0 B	0.244B	0.035	0	0	0	0	0	---	---	7
8	---	---	0 B	0.260B	0.036	0	0	0	0	0	---	---	8
9	---	---	0 B	0.248B	0.037	0	0	0	0	0	---	---	9
10	---	---	0.001B	0.232B	0.041	0	0	0	0	0	---	---	10
11	---	---	0.006B	0.219B	0.044	0	0	0	0	0	---	---	11
12	---	---	0.015B	0.226B	0.046	0	0	0	0	0	---	---	12
13	---	---	0.029B	0.222B	0.049	0	0	0	0	0	---	---	13
14	---	---	0.092B	0.204B	0.052	0	0	0	0	0	---	---	14
15	---	---	0.176B	0.213a	0.052	0	0	0	0	0	---	---	15
16	---	---	0.276B	0.244B	0.051	0	0	0	0	0	---	---	16
17	---	---	0.285B	0.246B	0.054	0	0	0	0	0	---	---	17
18	---	---	0.266B	0.259B	0.056	0	0	0	0	0	---	---	18
19	---	---	0.279B	0.282	0.060	0	0	0	0	0	---	---	19
20	---	---	0.211B	0.219	0.063	0	0	0	0	0	---	---	20
21	---	---	0.112B	0.203	0.064	0	0	0	0	0	---	---	21
22	---	---	0.040B	0.183	0.061	0	0	0	0	0	---	---	22
23	---	---	0.009B	0.158	0.052	0	0	0	0	0	---	---	23
24	---	---	0.004B	0.122	0.047	0	0	0	0	0	---	---	24
25	---	---	0.018B	0.096	0.044	0	0	0	0	0	---	---	25
26	---	---	0.044B	0.067	0.036	0	0	0	0	0	---	---	26
27	---	---	0.089B	0.051	0.029	0	0	0	0	0	---	---	27
28	---	---	0.168B	0.089	0.027	0	0	0	0	0	---	---	28
29	---		0.282B	0.078	0.025	0	0	0	0	0B	---	---	29
30	---		0.332B	0.063	0.021	0	0	0	0	0B	---	---	30
31	---		0.333B		0.015		0	0		0B		---	31
TOTAL	---	---	3.067	5.874	1.449	0.025	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.099	0.196	0.047	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.333	0.315	0.094	0.011	0	0	0	0	---	---	MAX
MIN	---	---	0	0.051	0.015	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 0.333B ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.445B AT 12:14 CST ON MAR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 32 N
LONG 104 14 24 W
DRAINAGE AREA, 165 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	265	SEP	0
APR	508	OCT	0
MAY	125	NOV	---
JUN	2.16	DEC	---

TOTAL DISCHARGE, 900 dam³

LEWIS CREEK NEAR IMPERIAL - STATION NO. 05JH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.027B	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.018B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.015B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.014B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.016B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.005B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0 B	0	0	0	0	0	0	0	---	---	19
20	---	0.005B	0 B	0	0	0	0	0	0	0	---	---	20
21	---	0.010B	0 B	0	0	0	0	0	0	0	---	---	21
22	---	0.020B	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0.020B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0.020B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0.041B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0.055B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0.038B	0 B	0	0	0	0	0	0	0	---	---	27
28	---	0.028B	0 B	0	0	0	0	0	0	0	---	---	28
29	---		0 B	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0		0	0		0		---	30
31	---		0		0		0			0			31
TOTAL	---	0.237	0.096	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.008	0.003	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.055	0.027	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.027B ON MAR 1
MINIMUM DAILY, 0B ON MAR 8
MAXIMUM INSTANTANEOUS,
0.092B AT 01:48 CST ON FEB 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 02 N
LONG 105 22 52 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	20.5	AUG	0
MAR	8.29	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8.29 dam³

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

LIGHTNING CREEK NEAR CARNDUFF - STATION NO. 05NF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.300B	0.004	0.003	0	0	0	0	0	---	---	1
2	---	---	0.249B	0.004	0.003	0	0	0	0	0	---	---	2
3	---	---	0.128B	0.003	0.002	0	0	0	0	0	---	---	3
4	---	---	0.098B	0.003	0.002	0	0	0	0	0	---	---	4
5	---	---	0.074B	0.003	0.001	0	0	0	0	0	---	---	5
6	---	---	0.054B	0.003	0.001	0	0	0	0	0	---	---	6
7	---	---	0.045B	0.003	0.001	0	0	0	0	0	---	---	7
8	---	---	0.044B	0.002	0.001	0	0	0	0	0	---	---	8
9	---	---	0.037B	0.001	0.001	0	0	0	0	0	---	---	9
10	---	---	0.033B	0.001	0.001	0	0	0	0	0	---	---	10
11	---	---	0.036B	0.001	0.001	0	0	0	0	0	---	---	11
12	---	---	0.038B	0.001	0.001	0	0	0	0	0	---	---	12
13	---	---	0.024B	0.001	0.001	0	0	0	0	0	---	---	13
14	---	---	0.019B	0.001	0.001	0	0	0	0	0	---	---	14
15	---	---	0.015B	0.001	0.001	0	0	0	0	0	---	---	15
16	---	---	0.013B	0.001	0.001	0	0	0	0	0	---	---	16
17	---	---	0.012B	0.001	0.001	0	0	0	0	0	---	---	17
18	---	---	0.011B	0.001	0.001	0	0	0	0	0	---	---	18
19	---	---	0.010	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.008	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.007	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.005	0.001	0	0	0	0	0	0	---	---	22
23	---	---	0.005	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0.004	0.001	0.001	0	0	0	0	0	---	---	24
25	---	---	0.005	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0.004	0.001	0	0	0	0	0	0	---	---	26
27	---	---	0.004	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0.004	0.003	0	0	0	0	0	0	---	---	28
29	---		0.004	0.004	0	0	0	0	0	0	---	---	29
30	---		0.004	0.004	0	0	0	0	0	0		---	30
31	---		0.004		0		0	0		0			31
TOTAL	---	---	1.298	0.055	0.025	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.042	0.002	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.300	0.004	0.003	0	0	0	0	0	---	---	MAX
MIN	---	---	0.004	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.300B ON MAR 1
MINIMUM DAILY, 0 ON MAY 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 17 N
LONG 101 43 08 W
DRAINAGE AREA, 740 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	112	SEP	0
APR	4.75	OCT	0
MAY	2.16	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 119 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

LILIAN RIVER NEAR LADY LAKE - STATION NO. 05MC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.019B	1.00 B	0.179	0.035	0.054	0.035	0.036	0.056	0.208	---	1
2	---	---	0.019B	1.10 B	0.176	0.034	0.063	0.066	0.031	0.056	0.216	---	2
3	---	---	0.019B	1.30 B	0.183	0.033	0.054	0.069	0.027	0.056	0.217A	---	3
4	---	---	0.019B	1.50 B	0.188	0.036	0.050	0.078	0.027	0.038	---	---	4
5	---	---	0.019B	1.20 B	0.216	0.046	0.040	0.091	0.022	0.042	---	---	5
6	---	---	0.019B	0.960B	0.194	0.047	0.031	0.095	0.021	0.041	---	---	6
7	---	---	0.019B	1.00 B	0.139	0.048	0.026	0.080	0.024	0.045	---	---	7
8	---	---	0.019B	0.900B	0.103	0.043	0.027	0.073	0.021	0.049	---	---	8
9	---	---	0.019B	0.760B	0.276	0.042	0.015	0.061	0.032	0.054	---	---	9
10	---	---	0.019B	0.660B	0.104	0.041	0.009	0.056	0.026	0.050	---	---	10
11	---	---	0.020B	0.560B	0.080	0.028	0.007	0.047	0.027	0.057	---	---	11
12	---	---	0.026B	0.480B	0.083	0.025	0.006	0.049	0.028	0.323	---	---	12
13	---	---	0.038B	0.420B	0.076	0.025	0.005	0.045	0.029	0.423	---	---	13
14	---	---	0.056B	0.380B	0.068	0.108	0.006	0.038	0.026	0.369	---	---	14
15	---	---	0.080B	0.350B	0.063	0.190	0.023	0.039	0.021	0.378	---	---	15
16	---	---	0.120B	0.310B	0.059	0.134	0.046	0.039	0.024	0.331	---	---	16
17	---	---	0.155B	0.280B	0.053	0.107	0.039	0.049	0.024	0.336	---	---	17
18	---	---	0.300B	0.250B	0.051	0.098	0.022	0.065	0.025	0.291	---	---	18
19	---	---	0.240B	0.230B	0.055	0.083	0.015	0.077	0.026	0.238	---	---	19
20	---	---	0.210B	0.210B	0.068	0.072	0.015	0.055	0.023	0.216	---	---	20
21	---	---	0.190B	0.185B	0.063	0.074	0.012	0.050	0.024	0.196	---	---	21
22	---	---	0.230B	0.170B	0.064	0.099	0.010	0.051	0.030	0.175	---	---	22
23	---	---	0.260B	0.165B	0.061	0.106	0.014	0.067	0.033	0.169	---	---	23
24	---	---	0.300B	0.155B	0.061	0.108	0.022	0.059	0.028	0.177	---	---	24
25	---	---	0.408B	0.150B	0.056	0.087	0.020	0.053	0.033	0.160	---	---	25
26	---	---	0.440B	0.145E	0.049	0.070	0.019	0.050	0.089	0.172	---	---	26
27	---	---	0.500B	0.140E	0.046	0.061	0.012	0.038	0.078	0.168	---	---	27
28	---	---	0.540B	0.141	0.048	0.054	0.009	0.037	0.058	0.160	---	---	28
29	---		0.600B	0.145	0.050	0.055	0.011	0.032	0.063	0.165	---	---	29
30	---		0.700B	0.165	0.045	0.053	0.038	0.030	0.079	0.207	---	---	30
31	---		0.850B		0.038		0.058	0.040		0.214		---	31
TOTAL	---	---	6.453	15.411	2.995	2.042	0.778	1.714	1.035	5.412	---	---	TOTAL
MEAN	---	---	0.208	0.514	0.097	0.068	0.025	0.055	0.035	0.175	---	---	MEAN
MAX	---	---	0.850	1.50	0.276	0.190	0.063	0.095	0.089	0.423	---	---	MAX
MIN	---	---	0.019	0.140	0.038	0.025	0.005	0.030	0.021	0.038	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.146
MAXIMUM DAILY, 1.50B ON APR 4
MINIMUM DAILY, 0.005 ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 22 N
LONG 102 37 30 W
DRAINAGE AREA, 228 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67.2
FEB	---	AUG	148
MAR	558	SEP	89.4
APR	1 330	OCT	468
MAY	259	NOV	---
JUN	176	DEC	---

TOTAL DISCHARGE, 3 [illegible]00 dam³

LITTLE BRIDGE CREEK NEAR ARMLEY - STATION NO. 05KB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007B	0.005	0	0	0	0	0	---	---	1
2	---	---	0 B	0.006B	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	0.013B	0.001	0	0	0	0	0	---	---	3
4	---	---	0 B	0.021B	0.001	0	0	0	0	0	---	---	4
5	---	---	0 B	0.019B	0.001	0	0	0	0	0	---	---	5
6	---	---	0 B	0.015B	0.034	0	0	0	0	0	---	---	6
7	---	---	0 B	0.024B	0.036	0	0	0	0	0	---	---	7
8	---	---	0 B	0.013B	0.038	0	0	0	0	0	---	---	8
9	---	---	0 B	0.011B	0.005	0	0	0	0	0	---	---	9
10	---	---	0 B	0.032B	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0.022B	0.001	0	0	0	0	0	---	---	11
12	---	---	0 B	0.022B	0.001	0	0	0	0	0	---	---	12
13	---	---	0.001B	0.017B	0.001	0	0	0	0	0	---	---	13
14	---	---	0.003B	0.017B	0.001	0	0	0	0	0	---	---	14
15	---	---	0.005B	0.020B	0	0	0	0	0	0	---	---	15
16	---	---	0.010B	0.017	0	0	0	0	0	0	---	---	16
17	---	---	0.090B	0.010	0	0	0	0	0	0	---	---	17
18	---	---	0.070B	0.015	0	0	0	0	0	0	---	---	18
19	---	---	0.058B	0.024	0	0	0	0	0	0	---	---	19
20	---	---	0.050B	0.029	0	0	0	0	0	0B	---	---	20
21	---	---	0.037B	0.031	0	0	0	0	0	0B	---	---	21
22	---	---	0.030B	0.030	0	0	0	0	0	0B	---	---	22
23	---	---	0.027B	0.030	0	0	0	0	0	0B	---	---	23
24	---	---	0.025B	0.020	0	0	0	0	0	0B	---	---	24
25	---	---	0.026B	0.027	0	0	0	0	0	0B	---	---	25
26	---	---	0.027B	0.010	0	0	0	0	0	0B	---	---	26
27	---	---	0.028B	0.010	0	0	0	0	0	0B	---	---	27
28	---	---	0.035B	0.004	0	0	0	0	0	0B	---	---	28
29	---		0.045B	0.012	0	0	0	0	0	0B	---	---	29
30	---		0.051B	0.015	0	0	0	0	0	0B	---	---	30
31	---		0.041B		0		0	0		0B		---	31
TOTAL	---	---	0.659	0.543	0.127	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.021	0.018	0.004	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.090	0.032	0.038	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.090B ON MAR 17
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 28 N
LONG 104 10 17 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	56.9	SEP	0
APR	46.9	OCT	0
MAY	11.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 115 dam³

LITTLE MANITOU LAKE AT MANITOU BEACH - STATION NO. 05JJ001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	493.888E	493.915E	493.933E	494.002	494.067E	493.965	494.010	493.970	493.892E	493.860E	493.864E	---	1
2	493.891E	493.915	493.930E	494.007E	494.064E	493.964E	494.006E	493.970E	493.883E	493.860	493.862E	---	2
3	493.893E	493.916E	493.928E	494.013E	494.061E	493.963E	494.002E	493.969E	493.875	493.861E	493.860E	---	3
4	493.896E	493.917E	493.926E	494.018E	494.058E	493.962E	493.998E	493.969E	493.874E	493.861E	493.859E	---	4
5	493.899E	493.917E	493.923E	494.023E	494.055E	493.961E	493.993E	493.968E	493.873E	493.862E	493.857E	---	5
6	493.901E	493.918E	493.921E	494.029E	494.052E	493.960E	493.989E	493.968E	493.872E	493.863E	493.855	---	6
7	493.904	493.919E	493.919E	494.034E	494.049E	493.960E	493.985	493.967E	493.871E	493.863E	493.856E	---	7
8	493.904E	493.920E	493.916E	494.039E	494.046E	493.959E	493.980E	493.967E	493.870	493.864E	493.857E	---	8
9	493.905E	493.920E	493.914E	494.045E	494.043E	493.958E	493.975E	493.966E	493.870E	493.864E	493.859E	---	9
10	493.905E	493.921E	493.911E	494.050	494.040E	493.957E	493.970	493.966E	493.869E	493.865E	493.860E	---	10
11	493.906E	493.922E	493.909E	494.058E	494.037	493.956E	493.970E	493.965E	493.869E	493.866E	493.861E	---	11
12	493.906E	493.923E	493.907E	494.067E	494.033E	493.955	493.970E	493.965	493.868E	493.866E	493.862E	---	12
13	493.907E	493.923E	493.904E	494.075	494.029E	493.965E	493.970E	493.963E	493.868E	493.867E	493.863E	---	13
14	493.907E	493.924E	493.902E	494.076E	494.025E	493.975E	493.970E	493.960E	493.867E	493.868E	493.865E	---	14
15	493.908E	493.925E	493.900E	494.076	494.021E	493.985E	493.970E	493.958E	493.867E	493.868E	493.866E	---	15
16	493.908E	493.926E	493.897E	494.070	494.018E	493.995E	493.970E	493.955E	493.866E	493.869E	493.867	---	16
17	493.909E	493.927E	493.895	494.070E	494.014E	494.005E	493.970E	493.953E	493.866E	493.869E	493.866E	---	17
18	493.909E	493.927E	493.900E	494.070E	494.010E	494.015	493.970E	493.950	493.865E	493.870E	493.866E	---	18
19	493.910E	493.928E	493.905E	494.070E	494.006E	494.015E	493.970E	493.946E	493.865E	493.871E	493.865E	---	19
20	493.910E	493.929E	493.910	494.070E	494.002	494.015E	493.970E	493.943E	493.865E	493.871E	493.864E	---	20
21	493.911E	493.930E	493.913E	494.070E	493.998E	494.015	493.970E	493.939E	493.864E	493.872E	493.863E	---	21
22	493.911E	493.930E	493.917E	494.070	493.994E	494.022E	493.970E	493.936E	493.864E	493.873E	493.863E	---	22
23	493.912E	493.931E	493.920	494.070E	493.990E	494.028	493.970E	493.932E	493.863E	493.873E	493.862	---	23
24	493.912E	493.932E	493.933	494.071E	493.987E	494.025E	493.970E	493.929E	493.863E	493.874E	493.862E	---	24
25	493.913E	493.933E	493.935	494.071E	493.983E	494.021E	493.970E	493.925	493.862E	493.874E	493.861E	---	25
26	493.913E	493.933E	493.936	494.072E	493.979E	494.018E	493.970E	493.921E	493.862E	493.875	493.861E	---	26
27	493.914E	493.934E	493.945	494.072E	493.975	494.015E	493.970	493.917E	493.861E	493.873E	493.860E	---	27
28	493.914E	493.935	493.955E	494.073E	493.973E	494.012E	493.970E	493.913E	493.861E	493.871E	493.860E	---	28
29	493.915E		493.966E	494.073	493.971E	494.008E	493.970E	493.908E	493.860E	493.870E	493.859E	---	29
30	493.915		493.976	494.070E	493.969E	494.005	493.970E	493.904E	493.860	493.868E	493.859	493.845	30
31	493.915E		493.985		493.967E		493.970	493.900		493.866E		---	31
MEAN	493.907	493.925	493.924	494.056	494.017	493.989	493.977	493.947	493.868	493.868	493.861	---	MEAN
MAX	493.915	493.935	493.985	494.076	494.067	494.028	494.010	493.970	493.892	493.875	493.867	---	MAX
MIN	493.888	493.915	493.895	494.002	493.967	493.955	493.970	493.900	493.860	493.860	493.855	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 494.076E ON APR 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 42 45 N
LONG 105 23 38 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE QUILL LAKE NEAR WYNYARD - STATION NO. 05MA002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	518.132E	518.109E	518.084	517.958	517.965E	517.968E	---	1
2	---	---	---	---	---	518.124E	518.108E	518.084E	517.962E	517.965E	517.967E	---	2
3	---	---	---	---	---	518.115E	518.108E	518.084E	517.966E	517.964E	517.967E	---	3
4	---	---	---	---	---	518.106	518.107E	518.084E	517.969E	517.964E	517.966E	---	4
5	---	---	---	---	---	518.102E	518.107	518.084E	517.973E	517.964	517.965E	---	5
6	---	---	---	---	---	518.097E	518.107E	518.084	517.977E	517.970	517.964E	---	6
7	---	---	---	---	---	518.093	518.106E	518.084E	517.981E	517.970E	517.963E	---	7
8	---	---	---	---	---	518.093E	518.106E	518.084E	517.984	517.970E	517.963E	---	8
9	---	---	---	---	---	518.093E	518.106E	518.084E	517.986	517.970E	517.962E	---	9
10	---	---	---	---	---	518.093E	518.105	518.084	517.984E	517.970E	517.961	---	10
11	---	---	---	---	---	518.093E	518.106E	518.081E	517.982E	517.970E	517.959	---	11
12	---	---	---	---	518.216	518.093E	518.106E	518.079E	517.981E	517.970E	517.967E	---	12
13	---	---	---	---	518.210E	518.093E	518.107E	518.077E	517.979E	517.969E	517.975E	---	13
14	---	---	---	---	518.204E	518.093E	518.107	518.074E	517.977E	517.969E	517.983E	---	14
15	---	---	---	---	518.198E	518.093E	518.107E	518.072E	517.975E	517.969E	517.991E	---	15
16	---	---	---	---	518.192E	518.093E	518.107	518.069E	517.973E	517.969E	517.999E	---	16
17	---	---	---	---	518.186E	518.093E	518.107E	518.067E	517.971E	517.969E	518.007E	---	17
18	---	---	---	---	518.180	518.093	518.107E	518.064E	517.969E	517.969E	518.015E	---	18
19	---	---	---	---	518.193	518.093E	518.107E	518.062	517.967E	517.969	518.023E	---	19
20	---	---	---	---	518.196	518.093E	518.107	518.058E	517.965E	517.969E	518.031E	---	20
21	---	---	---	---	518.193E	518.093E	518.106E	518.054E	517.963	517.969E	518.039	---	21
22	---	---	---	---	518.190E	518.093E	518.105E	518.051E	517.963E	517.969E	518.039E	---	22
23	---	---	---	---	518.188E	518.093E	518.104E	518.047E	517.963E	517.969E	518.040E	---	23
24	---	---	---	---	518.185E	518.093E	518.103E	518.043E	517.963E	517.969E	518.040E	---	24
25	---	518.292	---	---	518.182E	518.093E	518.102	518.039E	517.964E	517.969E	518.040E	---	25
26	---	---	---	---	518.179E	518.093	518.100E	518.036E	517.964E	517.969	518.040E	---	26
27	---	---	---	---	518.176	518.092E	518.098	518.032E	517.964E	517.969E	518.041E	---	27
28	---	---	---	---	518.166	518.092	518.099E	518.028E	517.964E	517.969E	518.041E	---	28
29	---		---	---	518.158E	518.105	518.100	518.024	517.965E	517.969E	518.041	---	29
30	---		---	---	518.149E	518.109	518.091E	517.988	517.965	517.969E	518.041	---	30
31	---		---	---	518.141E		518.082	518.008		517.969		---	31
MEAN	---	---	---	---	---	518.098	518.104	518.061	517.971	517.968	518.000	---	MEAN
MAX	---	---	---	---	---	518.132	518.109	518.084	517.986	517.970	518.041	---	MAX
MIN	---	---	---	---	---	518.092	518.082	517.988	517.958	517.964	517.959	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MINIMUM DAILY, 517.958 ON SEP 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 52 54 N
LONG 104 08 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - RECORDS PRIOR TO 1979 COLLECTED IN SE35-34-16-W2

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.021	0.011	0	0.319	0	0.010	0	0	---	---	1
2	---	---	0.018	0.010	0	0.441	0	0.005	0	0	---	---	2
3	---	---	0.016	0.013	0	0.217	0	0.003	0	0	---	---	3
4	---	---	0.015	0.012	0	0.117	0	0.002	0	0	---	---	4
5	---	---	0.014	0.010	0	0.075	0	0.002	0	0	---	---	5
6	---	---	0.015	0.011	0	0.052	0	0.001	0	0	---	---	6
7	---	---	0.025	0.008	0	0.036	0	0.001	0	0	---	---	7
8	---	---	0.081	0.005	0	0.030	0	0	0	0	---	---	8
9	---	---	0.079	0.004A	0	0.023	0	0	0	0	---	---	9
10	---	---	0.070	0.003A	0	0.016	0	0	0	0	---	---	10
11	---	---	0.064	0.003E	0	0.011	0	0	0	0	---	---	11
12	---	---	0.053	0.004E	0	0.009	0	0	0	0	---	---	12
13	---	---	0.042	0.004E	0	0.012	0	0	0	0	---	---	13
14	---	---	0.033	0.004A	0	0.010	0	0	0	0	---	---	14
15	---	---	0.028	0.002A	0	0.007	0	0	0	0	---	---	15
16	---	---	0.024	0.002E	0	0.006	0	0	0	0	---	---	16
17	---	---	0.021	0.002E	0	0.004	0	0	0	0	---	---	17
18	---	---	0.017	0.001E	0	0.002	0	0	0	0	---	---	18
19	---	---	0.015	0.001E	0	0.001	0	0	0	0	---	---	19
20	---	---	0.014	0.001E	0	0.001	0	0	0	0	---	---	20
21	---	---	0.012	0	0	0	0	0	0	0	---	---	21
22	---	---	0.011	0	0	0	0	0	0	0	---	---	22
23	---	---	0.009	0	0	0	0	0	0	0	---	---	23
24	---	---	0.009	0	0.065	0	0	0	0	0	---	---	24
25	---	---	0.008	0	0.194	0	0	0	0	0	---	---	25
26	---	---	0.006	0	0.309	0	0.297	0	0	0	---	---	26
27	---	---	0.005	0	0.233	0	0.272	0	0	0	---	---	27
28	---	0.025A	0.004	0	0.182	0	0.117	0	0	0	---	---	28
29	---		0.004	0	0.217	0	0.056	0	0	0	---	---	29
30	---		0.007	0	0.208	0	0.032	0	0	0	---	---	30
31	---		0.010		0.233		0.017	0		0		---	31
TOTAL	---	---	0.750	0.115	1.641	1.389	0.791	0.024	0	0	---	---	TOTAL
MEAN	---	---	0.024	0.004	0.053	0.046	0.026	0.001	0	0	---	---	MEAN
MAX	---	---	0.081	0.014	0.309	0.441	0.297	0.010	0	0	---	---	MAX
MIN	---	---	0.004	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.441 ON JUN 2
MINIMUM DAILY, 0 ON APR 21
MAXIMUM INSTANTANEOUS,
0.625 AT 23:30 CST ON JUN 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 20 N
LONG 109 43 00 W
DRAINAGE AREA, 2 140 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	68.3
FEB	---	AUG	2.07
MAR	64.8	SEP	0
APR	9.94	OCT	0
MAY	142	NOV	---
JUN	120	DEC	---

TOTAL DISCHARGE, 407 dam³

LODGE CREEK NEAR ALBERTA BOUNDARY - STATION NO. 11AB082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.166B	0.009	0	0.002	0	0	0	0	---	---	1
2	---	---	0.145B	0.006	0	0.002	0	0	0	0	---	---	2
3	---	---	0.128B	0.005	0	0.001	0	0	0	0	---	---	3
4	---	---	0.124B	0.004	0	0.001	0	0	0	0	---	---	4
5	---	---	0.122B	0.003	0	0	0	0	0	0	---	---	5
6	---	---	0.120B	0.002	0	0	0	0	0	0	---	---	6
7	---	---	0.134B	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0.151B	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0.158B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0.138B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0.126B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0.106B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0.098B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.122B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0.127B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0.123B	0.001	0	0.804	0	0	0	0	---	---	16
17	---	---	0.110B	0	0.002	0.933	0	0	0	0	---	---	17
18	---	---	0.096	0	0.847	0.211	0	0	0	0	---	---	18
19	---	---	0.096	0	0.829	0.092	0	0	0	0	---	---	19
20	---	---	0.097	0	0.345	0.014	0	0	0	0	---	---	20
21	---	---	0.090	0	0.183	0.002	0	0	0	0	---	---	21
22	---	---	0.078	0	0.052	0.048	0	0	0	0	---	---	22
23	---	---	0.074	0	0.059	0.046	0	0	0	0	---	---	23
24	---	---	0.055	0	0.057	0.009	0	0	0	0	---	---	24
25	---	0.485B	0.040	0	0.036	0.003	0	0	0	0	---	---	25
26	---	0.285B	0.027	0	0.020	0.002	0	0	0	0	---	---	26
27	---	0.227B	0.020	0	0.013	0.002	0	0	0	0	---	---	27
28	---	0.193B	0.014	0	0.008	0.001	0	0	0	0	---	---	28
29	---		0.010	0	0.005	0	0	0	0	0	---	---	29
30	---		0.012	0	0.004	0	0	0	0	0	---	---	30
31	---		0.012		0.003		0	0		0		---	31
TOTAL	---	---	2.919	0.041	2.463	2.173	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.094	0.001	0.079	0.072	0	0	0	0	---	---	MEAN
MAX	---	---	0.166	0.009	0.847	0.933	0	0	0	0	---	---	MAX
MIN	---	---	0.010	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.933 ON JUN 17
MINIMUM DAILY, 0 ON APR 17
MAXIMUM INSTANTANEOUS,
2.66 AT 17:19 CST ON JUN 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 109 59 05 W
DRAINAGE AREA, 909 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	252	SEP	0
APR	3.54	OCT	0
MAY	213	NOV	---
JUN	188	DEC	---

TOTAL DISCHARGE, 657 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

LOISELLE CREEK NEAR HUDSON BAY - STATION NO. 05LB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.086	0.006	0	0	0	0	0	0.001	---	1
2	---	---	0 B	0.111	0.005	0	0	0	0	0	0.001	---	2
3	---	---	0 B	0.131	0.003	0	0	0	0	0	0.003A	---	3
4	---	---	0 B	0.110	0.001	0	0	0	0	0	---	---	4
5	---	---	0 B	0.085	0.001	0	0	0	0	0	---	---	5
6	---	---	0 B	0.084	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.179	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.245	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.228	0	0.001	0	0	0	0	---	---	9
10	---	---	0 B	0.159	0	0.001	0	0	0	0	---	---	10
11	---	---	0.001B	0.127	0	0.001	0	0	0	0	---	---	11
12	---	---	0.002B	0.095	0	0.002	0	0	0	0	---	---	12
13	---	---	0.005B	0.061	0	0.002	0	0	0	0	---	---	13
14	---	---	0.012B	0.047	0	0.003	0	0	0	0	---	---	14
15	---	---	0.027B	0.041	0	0.004	0	0	0	0	---	---	15
16	---	---	0.050B	0.031	0	0.008	0	0	0	0	---	---	16
17	---	---	0.087B	0.024	0.001	0.004	0	0	0	0	---	---	17
18	---	---	0.215	0.020	0.003	0.003	0	0	0	0	---	---	18
19	---	---	0.216	0.015	0.001	0.002	0	0	0	0	---	---	19
20	---	---	0.164	0.013	0	0.002	0	0	0	0	---	---	20
21	---	---	0.111	0.015	0	0.003	0	0	0	0.001	---	---	21
22	---	---	0.075	0.016	0	0.005	0	0	0	0.001	---	---	22
23	---	---	0.115	0.014	0	0.009A	0	0	0	0.001	---	---	23
24	---	---	0.117	0.012	0	0.003	0	0	0	0.001	---	---	24
25	---	---	0.090	0.014	0	0.005	0	0	0	0.001	---	---	25
26	---	---	0.070	0.014	0	0.002	0	0	0	0.001	---	---	26
27	---	---	0.092	0.041	0	0.001	0	0	0	0.001	---	---	27
28	---	---	0.085	0.041	0	0	0	0	0	0.001	---	---	28
29	---		0.062	0.022	0	0	0	0	0	0.001	---	---	29
30	---		0.049	0.013	0	0	0	0	0	0.001	---	---	30
31	---		0.068		0		0	0		0.001		---	31
TOTAL	---	---	1.713	2.094	0.021	0.061	0	0	0	0.011	---	---	TOTAL
MEAN	---	---	0.055	0.070	0.001	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.216	0.245	0.006	0.009	0	0	0	0.001	---	---	MAX
MIN	---	---	0	0.012	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.016
MAXIMUM DAILY, 0.245 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.262 AT 18:46 CST ON MAR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 51 N
LONG 102 22 14 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	148	SEP	0
APR	181	OCT	0.95
MAY	1.81	NOV	---
JUN	5.27	DEC	---

TOTAL DISCHARGE, 337 dam³

LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 05NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0.298B	0.002	0	0	0	0	0	0	0	0	1
2	0	0	0.202B	0.002	0	0	0	0	0	0	0	0	2
3	0	0	0.142B	0.002	0	0	0	0	0	0	0	0	3
4	0	0	0.133B	0.002	0	0	0	0	0	0	0	0	4
5	0	0	0.092B	0.002	0	0	0	0	0	0	0	0	5
6	0	0	0.105B	0.002	0	0	0	0	0	0	0	0	6
7	0	0	0.082	0.001	0	0	0	0	0	0	0	0	7
8	0	0	0.073	0.001	0	0	0	0	0	0	0	0	8
9	0	0	0.075	0	0	0	0	0	0	0	0	0	9
10	0	0	0.078	0	0	0	0	0	0	0	0	0	10
11	0	0	0.077	0	0	0	0	0	0	0	0	0	11
12	0	0	0.074	0	0	0	0	0	0	0	0	0	12
13	0	0	0.066	0	0	0	0	0	0	0	0	0	13
14	0	0	0.059	0	0	0	0	0	0	0	0	0	14
15	0	0	0.054	0	0	0	0	0	0	0	0	0	15
16	0	0	0.040	0	0	0	0	0	0	0	0	0	16
17	0	0.579B	0.036	0	0	0	0	0	0	0	0	0	17
18	0	2.28 B	0.030	0	0	0	0	0	0	0	0	0	18
19	0	2.22 B	0.020	0	0	0	0	0	0	0	0	0	19
20	0	2.88	0.020	0	0	0	0	0	0	0	0	0	20
21	0	2.69	0.020	0	0	0	0	0	0	0	0	0	21
22	0	2.42	0.019	0	0	0	0	0	0	0	0	0	22
23	0	2.18	0.018	0	0	0	0	0	0	0	0	0	23
24	0	2.68	0.013	0	0	0	0	0	0	0	0	0	24
25	0	1.40 B	0.011	0	0	0	0	0	0	0	0	0	25
26	0	0.854B	0.010	0	0	0	0	0	0	0	0	0	26
27	0	0.593B	0.008	0	0	0	0	0	0	0	0	0	27
28	0	0.235B	0.007	0	0	0	0	0	0	0	0	0	28
29	0		0.005	0	0	0	0	0	0	0	0	0	29
30	0		0.004	0	0	0	0	0	0	0	0	0	30
31	0		0.004		0		0	0		0		0	31
TOTAL	0	21.011	1.875	0.014	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0.750	0.060	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	2.88	0.298	0.002	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0.004	0	0	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.063
MAXIMUM DAILY, 2.88 ON FEB 20
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
3.94B AT 09:28 CST ON FEB 19

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 103 21 08 W
DRAINAGE AREA, 3 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	1 820	AUG	0
MAR	162	SEP	0
APR	1.21	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 1 980 dam³

LONG CREEK NEAR ESTEVAN - STATION NO. 05NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.117	0.078	0.061	0.068	0.043	0.079	0.020	0.130	0.027	0.047	0.103	0.084B	1
2	0.122	0.072	0.062	0.069	0.040	0.075	0.029	0.128	0.030	0.075	0.097	0.089B	2
3	0.118	0.064	0.063	0.068	0.039	0.079	0.022	0.119	0.044	0.075	0.094	0.092B	3
4	0.119	0.065	0.066	0.066	0.038	0.076	0.020	0.101	0.040	0.045	0.097	0.097B	4
5	0.179	0.065	0.069	0.064	0.036	0.083	0.020	0.105	0.005	0.043	0.093	0.100B	5
6	0.148	0.064	0.069	0.049	0.037	0.099	0.021	0.122	0.008	0.041	0.095	0.104B	6
7	0.121	0.062	0.070	0.049	0.042	0.092	0.024	0.153	0.015	0.043	0.107	0.087B	7
8	0.118	0.062	0.073	0.060	0.044	0.091	0.026	0.114	0.019	0.048	0.108	0.078B	8
9	0.112	0.061	0.071	0.059	0.038	0.087	0.029	0.091	0.022	0.052	0.110	0.091B	9
10	0.109	0.061	0.074	0.058	0.036	0.089	0.033	0.094	0.029	0.056	0.111	0.094B	10
11	0.106	0.062	0.078	0.056	0.038	0.081	0.034	0.100	0.026	0.065	0.105	0.097B	11
12	0.103	0.062	0.079	0.055	0.044	0.080	0.044	0.087	0.064	0.084	0.050	0.099B	12
13	0.102	0.063	0.079	0.050	0.043	0.095	0.050	0.100	0.083	0.077	0.025	0.099B	13
14	0.100	0.067	0.073	0.048	0.043	0.100	0.056	0.088	0.038	0.032	0.040	0.099B	14
15	0.099	0.063	0.066	0.048	0.045	0.102	0.063	0.065	0.028	0.059	0.048	0.101B	15
16	0.097	0.052	0.068	0.051	0.058	0.084	0.072	0.057	0.036	0.086	0.054	0.102B	16
17	0.097	0.048	0.064	0.060	0.057	0.079	0.080	0.077	0.038	0.082	0.062	0.102B	17
18	0.095	0.041	0.065	0.058	0.056	0.065	0.095	0.065	0.057	0.070	0.049	0.104B	18
19	0.095	0.031	0.064	0.057	0.057	0.056	0.111	0.067	0.045	0.064	0.054	0.106B	19
20	0.098	0.041	0.063	0.063	0.058	0.049	0.137	0.041	0.049	0.052	0.059	0.110B	20
21	0.099	0.040	0.061	0.063	0.053	0.042	0.196	0.020	0.045	0.038	0.059	0.110B	21
22	0.098	0.039	0.062	0.057	0.055	0.036	0.163	0.034	0.042	0.045	0.059	0.094B	22
23	0.099	0.033	0.070	0.053	0.056	0.024	0.224	0.041	0.048	0.046	0.062	0.063B	23
24	0.092	0.043	0.080	0.041	0.061	0.014	0.205	0.045	0.055	0.052	0.074	0.063B	24
25	0.087	0.042	0.078	0.039	0.060	0.008	0.141	0.049	0.058	0.070	0.083	0.063B	25
26	0.084	0.040	0.076	0.040	0.060	0.013	0.159	0.039	0.042	0.077	0.082	0.064B	26
27	0.083	0.047	0.075	0.039	0.054	0.035	0.128	0.024	0.045	0.083	0.083	0.067B	27
28	0.082	0.055	0.076	0.042	0.055	0.028	0.104	0.026	0.057	0.093	0.083	0.067B	28
29	0.079		0.076	0.047	0.066	0.019	0.113	0.032	0.062	0.102	0.084	0.068B	29
30	0.078		0.073	0.051	0.092	0.029	0.135	0.034	0.063	0.102	0.084	0.069B	30
31	0.080		0.068		0.088		0.139	0.032		0.104		0.070B	31
TOTAL	3.216	1.523	2.172	1.628	1.592	1.889	2.693	2.280	1.220	2.008	2.314	2.733	TOTAL
MEAN	0.104	0.054	0.070	0.054	0.051	0.063	0.087	0.074	0.041	0.065	0.077	0.088	MEAN
MAX	0.179	0.078	0.080	0.069	0.092	0.102	0.224	0.153	0.083	0.104	0.111	0.110	MAX
MIN	0.078	0.031	0.061	0.039	0.036	0.008	0.020	0.020	0.005	0.032	0.025	0.063	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.069
MAXIMUM DAILY, 0.224 ON JUL 23
MINIMUM DAILY, 0.005 ON SEP 5
MAXIMUM INSTANTANEOUS,
0.303 AT 08:40 CST ON JUL 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 15 N
LONG 103 00 48 W
DRAINAGE AREA, 4 840 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	278	JUL	233
FEB	132	AUG	197
MAR	188	SEP	105
APR	141	OCT	173
MAY	138	NOV	200
JUN	163	DEC	236

TOTAL DISCHARGE, 2 180 dam³

LONG CREEK NEAR MAXIM - STATION NO. 05NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.027	0	0	0	0	0	0	0	---	---	1
2	---	0	0.025	0	0	0	0	0	0	0	---	---	2
3	---	0	0.023	0	0	0	0	0	0	0	---	---	3
4	---	0	0.022	0	0	0	0	0	0	0	---	---	4
5	---	0	0.019	0	0	0	0	0	0	0	---	---	5
6	---	0	0.016	0	0	0	0	0	0	0	---	---	6
7	---	0	0.013	0	0	0	0	0	0	0	---	---	7
8	---	0	0.011	0	0	0	0	0	0	0	---	---	8
9	---	0	0.009	0	0	0	0	0	0	0	---	---	9
10	---	0	0.006	0	0	0	0	0	0	0	---	---	10
11	---	0	0.003	0	0	0	0	0	0	0	---	---	11
12	---	0	0.001	0	0	0	0	0	0	0	---	---	12
13	---	0	0.001	0	0	0	0	0	0	0	---	---	13
14	---	0	0.001	0	0	0	0	0	0	0	---	---	14
15	---	0.100E	0	0	0	0	0	0	0	0	---	---	15
16	---	0.200E	0	0	0	0	0	0	0	0	---	---	16
17	---	0.294A	0	0	0	0	0	0	0	0	---	---	17
18	---	0.151	0	0	0	0	0	0	0	0	---	---	18
19	---	0.162	0	0	0	0	0	0	0	0	---	---	19
20	---	0.142	0	0	0	0	0	0	0	0	---	---	20
21	---	0.093	0	0	0	0	0	0	0	0	---	---	21
22	---	0.026	0	0	0	0	0	0	0	0	---	---	22
23	---	0.025	0	0	0	0	0	0	0	0	---	---	23
24	---	0.036	0	0	0	0	0	0	0	0	---	---	24
25	---	0.039	0	0	0	0	0	0	0	0	---	---	25
26	---	0.037	0	0	0	0	0	0	0	0	---	---	26
27	---	0.033	0	0	0	0	0	0	0	0	---	---	27
28	---	0.030	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	1.368	0.177	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.049	0.006	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.294	0.027	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.027 ON MAR 1
MINIMUM DAILY, 0 ON MAR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 32 N
LONG 103 57 22 W
DRAINAGE AREA, 1 790 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	118	AUG	0
MAR	15.3	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 15.3 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

LONG CREEK NEAR NOONAN - STATION NO. 05NB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0 B	1.10 B	0.065	0.012	0.003	0.002	0	0	0	0	0.002B	1
2	0.002B	0 B	1.05 B	0.057	0.011	0.003	0.002	0	0	0	0	0.002B	2
3	0.001B	0 B	0.906B	0.048	0.008	0.003	0.001	0	0	0	0	0.002B	3
4	0.001B	0 B	0.765B	0.040	0.007	0.004	0.001	0	0	0	0	0.002B	4
5	0.001B	0 B	0.793B	0.034	0.006	0.004	0.001	0	0	0	0	0.001B	5
6	0.001B	0 B	0.850B	0.031	0.005	0.005	0	0	0	0	0	0.001B	6
7	0.001B	0 B	0.651B	0.031	0.004	0.007	0	0	0	0	0	0.001B	7
8	0.001B	0 B	0.566B	0.028	0.007	0.004	0	0	0	0	0	0.001B	8
9	0.001B	0 B	0.510B	0.026	0.010	0.003	0	0	0	0	0	0.001B	9
10	0.001B	0 B	0.453B	0.021	0.008	0.003	0	0	0	0	0	0.001B	10
11	0.001B	0 B	0.396B	0.017	0.007	0.002	0	0	0	0	0	0.001B	11
12	0 B	0 B	0.396B	0.020	0.006	0.002	0	0	0	0	0	0.001B	12
13	0 B	0 B	0.340B	0.017	0.006	0.011	0	0	0	0	0	0.001B	13
14	0 B	0 B	0.311B	0.016	0.006	0.019	0	0	0	0	0	0 B	14
15	0 B	0.006B	0.283B	0.016	0.005	0.011	0.001	0	0	0	0	0 B	15
16	0 B	0.057B	0.263B	0.015	0.003	0.010	0	0	0	0	0	0 B	16
17	0 B	0.170B	0.224B	0.012	0.005	0.011	0	0	0	0	0	0 B	17
18	0 B	1.76 B	0.184B	0.012	0.006	0.010	0	0	0	0	0	0 B	18
19	0 B	7.08 B	0.161B	0.011	0.007	0.007	0	0	0	0	0 B	0 B	19
20	0 B	8.27 B	0.136B	0.010	0.006	0.005	0	0	0	0	0 B	0 B	20
21	0 B	10.6 B	0.122B	0.013	0.005	0.005	0.001	0	0	0	0 B	0 B	21
22	0 B	10.4 B	0.105B	0.013	0.008	0.006	0.001	0	0	0	0 B	0 B	22
23	0 B	7.28 B	0.099B	0.010	0.007	0.006	0.001	0	0	0	0 B	0 B	23
24	0 B	4.39 B	0.093B	0.009	0.009	0.006	0	0	0	0	0 B	0 B	24
25	0 B	2.72 B	0.105B	0.009	0.009	0.004	0	0	0	0	0 B	0 B	25
26	0 B	1.30 B	0.082B	0.010	0.008	0.003	0	0	0	0	0 B	0 B	26
27	0 B	1.56 B	0.082	0.011	0.008	0.002	0	0	0	0	0.001B	0 B	27
28	0 B	0.934B	0.122	0.011	0.010	0.002	0	0	0	0	0.001B	0 B	28
29	0 B		0.122	0.014	0.009	0.002	0.001	0	0	0	0.002B	0 B	29
30	0 B		0.113	0.012	0.007	0.002	0	0	0	0	0.002B	0 B	30
31	0 B		0.088		0.004		0	0		0		0 B	31
TOTAL	0.014	56.527	11.471	0.639	0.219	0.165	0.012	0	0	0	0.006	0.017	TOTAL
MEAN	0	2.02	0.370	0.021	0.007	0.006	0	0	0	0	0	0.001	MEAN
MAX	0.003	10.6	1.10	0.065	0.012	0.019	0.002	0	0	0	0.002	0.002	MAX
MIN	0	0	0.082	0.009	0.003	0.002	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.189
MAXIMUM DAILY, 10.6B ON FEB 21
MINIMUM DAILY, 0B ON JAN 12
MAXIMUM INSTANTANEOUS,
11.5B AT 06:00 CST ON FEB 21

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 52 N
LONG 103 04 34 W
DRAINAGE AREA, 4 460 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1.21	JUL	1.04
FEB	4 880	AUG	0
MAR	991	SEP	0
APR	55.2	OCT	0
MAY	18.9	NOV	0.52
JUN	14.3	DEC	1.47

TOTAL DISCHARGE, 5 960 dam³

LUMSDEN INDEX RESERVOIR - STATION NO. 05JP013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	26.900	---	---	1
2	---	---	---	---	---	26.822	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	26.650	---	---	---	26.961	---	6
7	---	---	---	---	26.608	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	27.013	---	---	---	---	18
19	---	26.661	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	26.865	27.153	---	---	---	---	---	---	---	---	---	27
28	---	26.870E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	26.625E	---	26.665E	---	---	26.900E	---	---	---	30
31	---		27.145E		26.825E		26.665E	27.000E		26.955E			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 31 N
LONG 104 50 37 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LYONS CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 17 N
LONG 109 13 48 W
DRAINAGE AREA, 174 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MACDONALD CREEK NEAR BOUNTY - STATION NO. 05HF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.015	0.004	0	0.002	0	0	0	---	---	1
2	---	---	0 B	0.016	0.004	0	0.002	0	0	0	---	---	2
3	---	---	0.001B	0.018	0.004	0	0.002	0	0	0	---	---	3
4	---	---	0.004B	0.019	0.003	0	0.001	0	0	0	---	---	4
5	---	---	0.008B	0.021	0.003	0	0.001	0	0	0	---	---	5
6	---	---	0.003B	0.020	0.003	0	0.001	0	0	0	---	---	6
7	---	---	0.002B	0.016	0.003	0	0.001	0	0	0	---	---	7
8	---	---	0.001B	0.017	0.003	0	0.001	0	0	0	---	---	8
9	---	---	0 B	0.020	0.002	0	0	0	0	0	---	---	9
10	---	---	0 B	0.025	0.002	0	0	0	0	0	---	---	10
11	---	---	0 B	0.022	0.002	0	0	0	0	0	---	---	11
12	---	---	0	0.020	0.002	0	0	0	0	0	---	---	12
13	---	---	0	0.017	0.002	0	0	0	0	0	---	---	13
14	---	---	0.001	0.017	0.001	0	0	0	0	0	---	---	14
15	---	---	0.006	0.014	0.001	0	0	0	0	0	---	---	15
16	---	---	0.033	0.009	0.001	0	0	0	0	0	---	---	16
17	---	---	0.062	0.009	0.001	0	0	0	0	0	---	---	17
18	---	---	0.049	0.009	0.001	0	0	0	0	0	---	---	18
19	---	---	0.025	0.009	0.001	0	0	0	0	0	---	---	19
20	---	---	0.012	0.008	0	0	0	0	0	0	---	---	20
21	---	---	0.013	0.008	0	0	0	0	0	0	---	---	21
22	---	---	0.012	0.007	0	0.001	0	0	0	0	---	---	22
23	---	---	0.011	0.007	0	0.002	0	0	0	0	---	---	23
24	---	---	0.010	0.006	0	0.002	0	0	0	0	---	---	24
25	---	---	0.011	0.006	0	0.003	0	0	0	0	---	---	25
26	---	---	0.012	0.005	0	0.003	0	0	0	0	---	---	26
27	---	---	0.013	0.005	0	0.003	0	0	0	0	---	---	27
28	---	---	0.014	0.005	0	0.003	0	0	0	0	---	---	28
29	---		0.014	0.004	0	0.003	0	0	0	0	---	---	29
30	---		0.014	0.004	0	0.002	0	0	0	0	---	---	30
31	---		0.014		0		0	0		0		---	31
TOTAL	---	---	0.345	0.378	0.043	0.022	0.011	0	0	0	---	---	TOTAL
MEAN	---	---	0.011	0.013	0.001	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.062	0.025	0.004	0.003	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.062 ON MAR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.070 AT 11:40 CST ON MAR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 56 N
LONG 107 24 44 W
DRAINAGE AREA, 2 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.95
FEB	---	AUG	0
MAR	29.8	SEP	0
APR	32.7	OCT	0
MAY	3.72	NOV	---
JUN	1.90	DEC	---

TOTAL DISCHARGE, 69.1 dam³

MACFARLANE RIVER AT OUTLET OF DAVY LAKE - STATION NO. 07HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.3	29.0	28.7	30.4	46.8	66.4	43.1	34.6	28.7	27.5	31.3	33.4	1
2	29.9	29.2	29.0	30.6	50.0	65.8	43.5	34.6	27.1	25.9	31.3	33.3	2
3	30.2	29.4	29.1	31.0	53.0	65.3	43.3	34.2	27.7	26.8	31.1	33.2	3
4	30.3	29.7	29.3	30.9	56.7	64.0	43.9	34.0	27.4	25.4	31.6	33.2	4
5	30.4	30.0	29.4	31.0	60.4	62.8	40.3	33.7	27.8	25.4	31.8	32.8A	5
6	30.3	28.2	29.2	30.9	63.7	59.8	39.1	33.5	27.7	25.4	32.0	32.6E	6
7	30.5	30.9	29.0	31.1	66.0	59.3	38.7	32.6	27.3	24.0	31.6	32.8E	7
8	30.0	29.3	29.0	31.5	68.4	58.9	41.5	32.5	27.9	23.8	31.4	33.0A	8
9	29.6	29.0	29.1	31.4	71.2	57.3	42.4	32.3	27.4	24.9	31.6	32.2	9
10	29.8	28.9	29.1	31.8	73.0	56.4	41.2	31.7	27.5	25.8	32.1	32.5	10
11	30.0	28.9	28.8	31.6	74.6	55.8	40.5	30.2	27.0	26.6	32.3	33.2	11
12	30.3	28.9	28.7	31.5	75.3	55.6	41.2	31.5	27.2	26.7	32.2	33.5	12
13	30.5	28.7	28.9	30.7	75.2	54.8	40.9	29.4	26.6	27.0	32.8	33.6	13
14	30.4	28.9	28.9	31.5	75.4	55.8	38.6	30.5	26.5	27.2	32.4	33.1	14
15	30.7	29.3	28.9	31.8	77.0	57.7	39.9	29.9	27.2	27.7	32.1	32.7	15
16	30.4	29.3	28.9	31.9	77.8	58.4	40.6	29.8	27.5	27.5	31.7	32.7	16
17	30.1	29.3	29.0	32.2	76.9	59.9	41.4	29.7	26.4	27.2	31.9	33.3	17
18	29.9	29.5	28.6	32.2	77.5	59.5	38.8	28.9	26.4	27.8	31.8	33.9	18
19	29.8	29.6	28.7	32.4	77.1	58.4	38.1	29.0	26.4	26.7	31.7	33.7	19
20	30.2	29.5	28.6	32.9	77.1	58.5	38.8	30.0	26.7	28.4	32.0	33.6	20
21	30.1	29.5	29.2	32.8	75.2	58.3	38.0	29.0	26.4	27.5	32.0	33.5	21
22	30.0	29.2	29.7	32.9	76.2	57.5	37.5	29.1	25.6	28.0	32.2	33.4	22
23	30.2	29.4	29.6	33.2	76.3	56.7	36.3	29.6	25.7	26.5	32.9	33.5	23
24	30.0	29.4	29.6	34.3	75.4	55.9	36.4	29.6	26.3	27.4	33.0	33.0	24
25	29.7	29.3	30.0	36.1	74.4	55.8	37.1	29.2	26.2	27.7	33.0	32.6	25
26	29.9	29.3	30.5	37.3	72.6	55.7	37.2	29.4	25.4	28.0	33.0	32.6	26
27	29.8	29.1	30.5	38.3	69.4	54.7	36.7	30.3	25.8	27.7	33.0	32.0	27
28	29.4	28.8	30.6	39.6	69.6	54.9	35.1	29.5	26.6	28.1	33.3	31.9	28
29	29.5		30.3	41.5	68.5	55.2	34.4	27.6	26.5	28.7	33.0	31.7	29
30	29.6		30.4	44.4	67.1	55.0	34.8	28.3	26.0	29.9	33.2	31.3	30
31	29.4		30.4		66.4		34.7	28.0		30.9		30.8	31
TOTAL	931.2	819.5	909.7	999.7	2 164.2	1 606.1	1 214.0	952.2	804.9	838.1	965.3	1 018.2	TOTAL
MEAN	30.0	29.3	29.3	33.3	69.8	53.5	39.2	30.7	26.8	27.0	32.2	32.8	MEAN
MAX	30.7	30.9	30.6	44.4	77.8	66.4	43.9	34.6	28.7	30.9	33.3	33.9	MAX
MIN	29.4	28.2	28.6	30.4	46.8	44.7	34.4	27.6	25.4	23.8	31.1	30.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.2
MAXIMUM DAILY, 77.8 ON MAY 16
MINIMUM DAILY, 23.8 ON OCT 8
MAXIMUM INSTANTANEOUS,
78.4 AT 13:15 CST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 58 00 N
LONG 108 10 30 W
DRAINAGE AREA, 9 120 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 500	JUL	105 000
FEB	70 800	AUG	82 300
MAR	78 600	SEP	69 500
APR	86 400	OCT	72 400
MAY	187 000	NOV	83 400
JUN	139 000	DEC	88 000

TOTAL DISCHARGE, 1 140 000 dam³

NACHAB CREEK NEAR SOMME - STATION NO. 05LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.003	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	3
4	---	---	0 B	0.001	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.001	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.081	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.005	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0.002B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.002B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.002B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.002B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.002	0.005	0	0	0	0	0	0	---	---	17
18	---	---	0.002	0.006	0	0	0	0	0	0	---	---	18
19	---	---	0.002	0.002	0	0	0	0	0	0	---	---	19
20	---	---	0.002	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.002	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.002	0	0	0	0	0	0	0	---	---	22
23	---	---	0.002	0.003	0	0	0	0	0	0	---	---	23
24	---	---	0.003	0.003	0	0	0	0	0	0	---	---	24
25	---	---	0.005	0.003	0	0	0	0	0	0	---	---	25
26	---	---	0.004	0.002	0	0	0	0	0	0	---	---	26
27	---	---	0.002	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0.001	0.001	0	0	0	0	0	0	---	---	28
29	---		0.001	0.002	0	0	0	0	0	0	---	---	29
30	---		0.001	0.001	0	0	0	0	0	0	---	---	30
31	---		0.016		0		0	0		0		---	31
TOTAL	---	---	0.057	0.138	0.003	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.005	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.016	0.081	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.081 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.182 AT 05:19 CST ON APR 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 36 15 N
LONG 102 57 55 W
DRAINAGE AREA, 87.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	4.92	SEP	0
APR	11.9	OCT	0
MAY	0.26	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 17.1 dam³

MADGE LAKE NEAR KAMSACK - STATION NO. 05LE012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	608.246E	608.235E	608.198	608.149	608.083E	---	---	1
2	---	---	---	---	---	608.245	608.237	608.196E	608.141	608.080E	---	---	2
3	---	---	---	---	---	608.242E	608.235	608.193	608.135	608.077E	---	---	3
4	---	---	---	---	---	608.239	608.230E	608.195	608.132	608.075E	---	---	4
5	---	---	---	---	---	608.237	608.225E	608.197	608.126E	608.072	---	---	5
6	---	---	---	---	---	608.235E	608.219	608.204	608.120	608.071E	---	---	6
7	---	---	---	---	---	608.233E	608.220	608.204	608.118	608.070	---	---	7
8	---	---	---	---	---	608.232	608.219E	608.202	608.116	608.076E	---	---	8
9	---	---	---	---	---	608.229E	608.218	608.198	608.116	608.082E	---	---	9
10	---	---	---	---	---	608.226	608.213E	608.194	608.112	608.088E	---	---	10
11	---	---	---	---	---	608.224	608.209E	608.193E	608.108	608.095E	---	---	11
12	---	---	---	---	---	608.216	608.205E	608.192	608.105E	608.101E	---	---	12
13	---	---	---	---	608.289	608.226E	608.200	608.190E	608.102E	608.107	---	---	13
14	---	---	---	---	608.286E	608.236E	608.199E	608.187	608.099	608.110	---	---	14
15	---	---	---	---	608.282E	608.247	608.199	608.189	608.093E	608.112	---	---	15
16	---	---	---	---	608.279E	608.245	608.219	608.181E	608.087	608.112	---	---	16
17	---	---	---	---	608.276E	608.246E	608.217	608.173	608.079	608.114E	---	---	17
18	---	---	---	---	608.272E	608.247	608.217E	608.175	608.079	608.115E	---	---	18
19	---	---	---	---	608.269	608.245	608.216E	608.179	608.076E	608.117	---	---	19
20	---	---	---	---	608.267E	608.243E	608.216E	608.185E	608.073E	608.115E	---	---	20
21	---	---	---	---	608.265	608.241E	608.216E	608.191	608.070	608.112	---	---	21
22	---	---	---	---	608.262E	608.239	608.216	608.186	608.068	608.112E	---	---	22
23	---	---	---	---	608.259E	608.239E	608.187	608.186	608.071E	608.112E	---	---	23
24	---	608.268	---	---	608.257E	608.238	608.189E	608.184	608.075E	608.111E	---	---	24
25	---	---	---	---	608.254	608.238	608.192	608.182	608.078E	608.111E	---	---	25
26	---	---	---	---	608.252E	608.236	608.190E	608.178	608.081E	608.111E	---	---	26
27	---	---	---	---	608.250	608.234E	608.187	608.176	608.084E	608.111E	---	---	27
28	---	---	---	---	608.249E	608.232E	608.186	608.175	608.088E	608.110E	---	---	28
29	---		---	---	608.248E	608.230	608.188	608.163	608.091	608.110	---	---	29
30	---		---	---	608.247E	608.233E	608.191	608.159	608.086	608.110E	---	---	30
31	---		---		608.246E		608.205	608.154E		608.110		---	31
MEAN	---	---	---	---	---	608.237	608.210	608.186	608.099	608.100	---	---	MEAN
MAX	---	---	---	---	---	608.247	608.237	608.204	608.149	608.117	---	---	MAX
MIN	---	---	---	---	---	608.216	608.186	608.154	608.068	608.070	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 23 N
LONG 101 39 43 W

E - ESTIMATED

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGNUSSON CREEK NEAR WYNYARD - STATION NO. 05MA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.005B	0.004	0	0	0	0	0.002	0	---	---	1
2	---	0 B	0.003B	0.003	0	0	0	0	0.002	0	---	---	2
3	---	0 B	0.001B	0.002	0	0	0	0	0.002	0	---	---	3
4	---	0 B	0.001B	0.001	0	0	0	0.002	0.001	0	---	---	4
5	---	0 B	0 B	0	0	0	0	0	0.001	0	---	---	5
6	---	0 B	0 B	0	0	0	0	0	0.001	0	---	---	6
7	---	0 B	0 B	0	0	0	0	0	0.001	0	---	---	7
8	---	0 B	0 B	0	0	0	0	0	0.001	0	---	---	8
9	---	0 B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.028B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.070B	0	0	0	0	0.001	0	0	---	---	17
18	---	0 B	0.042B	0	0	0	0	0.002	0	0	---	---	18
19	---	0 B	0.018B	0	0	0	0	0.003	0	0	---	---	19
20	---	0.002B	0.017B	0	0	0	0	0.005	0	0	---	---	20
21	---	0.010B	0.008B	0	0	0	0	0.005	0	0	---	---	21
22	---	0.040B	0.005B	0	0	0	0	0.005	0	0	---	---	22
23	---	0.070B	0.003B	0	0	0	0	0.004	0	0	---	---	23
24	---	0.060B	0.003B	0	0	0	0	0.004	0	0	---	---	24
25	---	0.050B	0.002B	0	0	0	0	0.004	0	0	---	---	25
26	---	0.047B	0.002B	0	0	0	0.001	0.003	0	0	---	---	26
27	---	0.028B	0.002	0	0	0	0	0.003	0	0	---	---	27
28	---	0.008B	0.002	0	0	0	0	0.003	0	0	---	---	28
29	---		0.002	0	0	0	0	0.003	0	0	---	---	29
30	---		0.002	0	0	0	0	0.003	0	0	---	---	30
31	---		0.002		0		0	0.003		0		---	31
TOTAL	---	0.315	0.226	0.010	0	0	0.001	0.053	0.011	0	---	---	TOTAL
MEAN	---	0.011	0.007	0	0	0	0	0.002	0	0	---	---	MEAN
MAX	---	0.070	0.070	0.004	0	0	0.001	0.005	0.002	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.070B ON MAR 17
MINIMUM DAILY, 0B ON MAR 5
MAXIMUM INSTANTANEOUS,
0.212B AT 13:15 CST ON MAR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 52 N
LONG 104 12 07 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	27.2	AUG	4.58
MAR	19.5	SEP	0.95
APR	0.86	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 26.0 dam³

MAKWA RIVER AT OUTLET OF MAKWA LAKE - STATION NO. 06AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.102B	0.210B	1.91	0.029	0.006	0.073	0.006	0.033	0.017B	---	1
2	---	---	0.102B	0.210B	1.91	0.027	0.005	0.086	0.004	0.030	0.015B	---	2
3	---	---	0.102B	0.220B	1.72	0.024	0.004	0.084	0.007	0.029	0.011B	---	3
4	---	---	0.102B	0.543B	1.67	0.022	0.002	0.078	0.053	0.036	0.006B	---	4
5	---	---	0.102B	2.44 B	1.60	0.018	0.008	0.074	0.036	0.038	---	---	5
6	---	---	0.103B	2.16 B	1.53	0.019	0.002	0.067	0.026	0.046	---	---	6
7	---	---	0.103B	1.95 B	1.40	0.015	0.003	0.060	0.019	0.038	---	---	7
8	---	---	0.104B	1.90	1.29	0.014	0.001	0.054	0.019	0.030	---	---	8
9	---	---	0.104B	1.83	1.26	0.011	0.001	0.045	0.016	0.023	---	---	9
10	---	---	0.104B	1.71	1.26	0.015	0.001	0.039	0.010	0.019	---	---	10
11	---	---	0.105B	1.46	1.26	0.024	0.007	0.033	0.010	0.019	---	---	11
12	---	---	0.105B	1.49	1.23	0.023	0.013	0.028	0.006	0.018	---	---	12
13	---	---	0.110B	1.70 E	1.12	0.022	0.012	0.024	0.004	0.017	---	---	13
14	---	---	0.122B	1.88 E	0.887	0.016	0.016	0.021	0.004	0.017	---	---	14
15	---	---	0.135B	1.99	0.632	0.011	0.025	0.016	0.003	0.015	---	---	15
16	---	---	0.151B	2.16	0.595	0.020	0.022	0.015	0.001	0.016	---	---	16
17	---	---	0.164B	2.41	0.635	0.043	0.020	0.013	0.001	0.019	---	---	17
18	---	---	0.178B	2.33	0.657	0.038	0.019	0.009	0.001	0.018	---	---	18
19	---	---	0.184B	2.19	0.621	0.034	0.061	0.008	0.001	0.017	---	---	19
20	---	---	0.189B	2.17	0.623	0.004	0.115	0.007	0.001	0.023	---	---	20
21	---	---	0.192B	2.20	0.519	0.001	0.145	0.006	0.001	0.025	---	---	21
22	---	---	0.195B	2.13	0.421	0.004	0.128	0.056	0.001	0.026	---	---	22
23	---	---	0.198B	2.14	0.398	0.006	0.117	0.125	0.002	0.025	---	---	23
24	---	---	0.200B	2.19	0.403	0.010	0.130	0.010	0.004	0.023	---	---	24
25	---	---	0.203B	2.16	0.346	0.019	0.117	0.043	0.003	0.023	---	---	25
26	---	---	0.205B	2.01	0.205	0.016	0.054	0.082	0.001	0.028	---	---	26
27	---	---	0.207B	1.93	0.009	0.007	0.039	0.034	0.001	0.025	---	---	27
28	---	---	0.209B	2.02	0.015	0.005	0.050	0.053	0.012	0.024	---	---	28
29	---		0.210B	2.22	0.025	0.004	0.060	0.016	0.038	0.023	---	---	29
30	---		0.210B	2.05	0.025	0.004	0.074	0.016	0.037	0.022	---	---	30
31	---		0.210B		0.027		0.072	0.010		0.020		---	31
TOTAL	---	---	4.710	54.003	26.203	0.505	1.325	1.285	0.328	0.765	---	---	TOTAL
MEAN	---	---	0.152	1.80	0.845	0.017	0.043	0.041	0.011	0.025	---	---	MEAN
MAX	---	---	0.210	2.44	1.91	0.043	0.145	0.125	0.053	0.046	---	---	MAX
MIN	---	---	0.102	0.210	0.009	0.001	0.001	0.006	0.001	0.015	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.364
MAXIMUM DAILY, 2.44B ON APR 5
MINIMUM DAILY, 0.001 ON JUN 21
MAXIMUM INSTANTANEOUS,
2.57B AT 12:40 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 40 N
LONG 109 12 00 W
DRAINAGE AREA, 1 420 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	114
FEB	---	AUG	111
MAR	407	SEP	28.3
APR	4 670	OCT	66.1
MAY	2 260	NOV	---
JUN	43.6	DEC	---

TOTAL DISCHARGE, 7 700 dam³

MAKWA RIVER AT RAPID VIEW - STATION NO. 06AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.124B	3.86B	3.23	0.120E	0.087	0.185	0.264	0 E	0.265	---	1
2	---	---	0.124B	4.31B	3.04	0.090E	0.096	0.164	0.387	0.012E	0.231	---	2
3	---	---	0.124B	5.48B	2.92	0.077E	0.094	0.184	0.382	0.027E	0.198A	---	3
4	---	---	0.124B	7.12B	2.83	0.068E	0.078	0.277	0.227	0.050A	---	---	4
5	---	---	0.124B	9.34B	2.64	0.061E	0.068	0.295	0.047	0.070	---	---	5
6	---	---	0.124B	8.47	2.51	0.057E	0.058	0.289	0.019	0.168	---	---	6
7	---	---	0.124B	7.42	2.43	0.052E	0.050	0.295	0.014A	0.078	---	---	7
8	---	---	0.124B	7.03	2.30	0.047E	0.042	0.301	0.010E	0.055	---	---	8
9	---	---	0.124B	6.60	2.19	0.044E	0.037A	0.196	0.008E	0.155	---	---	9
10	---	---	0.124B	6.22	2.11	0.040E	0.033E	0.070A	0.006E	0.158	---	---	10
11	---	---	0.124B	5.32	2.10	0.037E	0.030E	0.050E	0.004E	0.208	---	---	11
12	---	---	0.124B	4.86	2.30	0.034E	0.029E	0.035E	0.003E	0.151	---	---	12
13	---	---	0.125B	4.98	2.14	0.033E	0.028E	0.022E	0.002E	0.141	---	---	13
14	---	---	0.127B	4.69	1.91	0.031E	0.027E	0.010E	0.002E	0.139	---	---	14
15	---	---	0.130B	4.17	1.84	0.030E	0.038E	0.001E	0.001E	0.142	---	---	15
16	---	---	0.133B	4.41	1.66	0.042A	0.032E	0.001E	0.001E	0.120	---	---	16
17	---	---	0.138B	3.90	1.47	0.049	0.030E	0.001E	0 E	0.113	---	---	17
18	---	---	0.145B	4.66	1.31	0.298	0.029E	0.001A	0 E	0.128	---	---	18
19	---	---	0.413B	4.31	1.31	0.308	0.028E	0.001E	0 E	0.081	---	---	19
20	---	---	0.656B	4.25	1.36	0.407	0.027E	0.001E	0 E	0.058	---	---	20
21	---	---	0.853B	4.35	1.25	0.389	0.027E	0.001E	0 E	0.128	---	---	21
22	---	---	1.06 B	4.27	1.40	0.241	0.027A	0.001E	0 A	0.098	---	---	22
23	---	---	1.28 B	4.36	1.52	0.163	0.083	0.001E	0 E	0.053	---	---	23
24	---	---	1.55 B	4.33	1.37	0.158	0.118	0.001E	0 E	0.044	---	---	24
25	---	---	1.78 B	4.28	1.26	0.220	0.063A	0.001E	0 E	0.010	---	---	25
26	---	---	1.99 B	4.15	1.20	0.243	0.050E	0.001E	0 E	0.007	---	---	26
27	---	---	2.23 B	3.82	1.36	0.164	0.042E	0.001E	0 E	0.003	---	---	27
28	---	---	2.86 B	3.57	1.29	0.121	0.035E	0.001E	0 E	0.004	---	---	28
29	---		3.40 B	3.50	0.789	0.118	0.076A	0.002E	0 E	0.020	---	---	29
30	---		3.33 B	3.33	0.421A	0.090	0.205	0.006E	0 E	0.131	---	---	30
31	---		3.64 B		0.330E		0.247	0.033A		0.223		---	31
TOTAL	---	---	27.328	151.36	55.790	3.832	1.914	2.428	1.377	2.775	---	---	TOTAL
MEAN	---	---	0.882	5.05	1.80	0.128	0.062	0.078	0.046	0.090	---	---	MEAN
MAX	---	---	3.64	9.34	3.23	0.407	0.247	0.301	0.387	0.223	---	---	MAX
MIN	---	---	0.124	3.33	0.330	0.030	0.027	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 9.34B ON APR 5
MINIMUM DAILY, 0E ON SEP 17
MAXIMUM INSTANTANEOUS,
10.5 AT 08:00 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 50 N
LONG 108 48 20 W
DRAINAGE AREA, 2 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	165
FEB	---	AUG	210
MAR	2 360	SEP	119
APR	13 100	OCT	240
MAY	4 820	NOV	---
JUN	331	DEC	---

TOTAL DISCHARGE, 21 300 dam³

MALONECK CREEK NEAR PELLY - STATION NO. 05LE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.110B	0.244	0.020	0.003	0.001	0A	0	0.001	---	1
2	---	---	0 B	0.120B	0.222	0.015	0.004	0.002	0	0	0.001	---	2
3	---	---	0 B	0.150B	0.191	0.008	0.002	0	0	0	0.001A	---	3
4	---	---	0 B	0.170B	0.156	0.007	0.002	0.002	0	0	---	---	4
5	---	---	0 B	0.200B	0.148	0.005	0.001	0.003	0	0	---	---	5
6	---	---	0 B	0.220B	0.139	0.006	0.001	0.001	0	0 A	---	---	6
7	---	---	0.001B	0.241B	0.132	0.003	0	0	0	0	---	---	7
8	---	---	0.001B	0.350B	0.116	0.004	0.001	0	0	0	---	---	8
9	---	---	0.002B	0.320B	0.098	0	0	0	0	0	---	---	9
10	---	---	0.002B	0.280B	0.092	0	0	0	0	0	---	---	10
11	---	---	0.003B	0.250B	0.085	0	0	0	0	0	---	---	11
12	---	---	0.004B	0.230B	0.082	0	0	0	0	0.002	---	---	12
13	---	---	0.010B	0.210B	0.077	0	0	0	0	0.003	---	---	13
14	---	---	0.020B	0.200B	0.072	0.006	0	0	0	0.001	---	---	14
15	---	---	0.030B	0.198B	0.071	0.021	0.004	0	0	0	---	---	15
16	---	---	0.040B	0.199	0.062	0.012	0.004	0	0	0	---	---	16
17	---	---	0.058B	0.204	0.069	0.056	0.002	0	0	0	---	---	17
18	---	---	0.070B	0.196	0.074	0.052	0.002	0.001	0	0	---	---	18
19	---	---	0.060B	0.195	0.050	0.033	0.002	0.001	0	0	---	---	19
20	---	---	0.050B	0.207	0.041	0.022	0.002	0	0	0	---	---	20
21	---	---	0.046B	0.183	0.037	0.020	0.002	0	0	0	---	---	21
22	---	---	0.040B	0.168	0.035	0.022	0.001	0	0	0	---	---	22
23	---	---	0.044B	0.159	0.031	0.021	0.002	0	0	0	---	---	23
24	---	---	0.050B	0.179	0.031	0.014	0.002	0	0	0	---	---	24
25	---	---	0.056B	0.160	0.027	0.010	0.001	0	0	0	---	---	25
26	---	---	0.068B	0.154	0.026	0.007	0.001	0	0	0	---	---	26
27	---	---	0.080B	0.158	0.024	0.006	0	0	0	0	---	---	27
28	---	---	0.100B	0.156	0.019	0.004	0	0	0	0	---	---	28
29	---		0.080B	0.171	0.022	0.004	0	0	0	0	---	---	29
30	---		0.090B	0.200	0.022	0.003	0.003	0	0	0.002	---	---	30
31	---		0.100B		0.021		0.002	0		0.002		---	31
TOTAL	---	---	1.105	5.938	2.516	0.381	0.044	0.011	0	0.010	---	---	TOTAL
MEAN	---	---	0.036	0.198	0.081	0.013	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.100	0.350	0.244	0.056	0.004	0.003	0	0.003	---	---	MAX
MIN	---	---	0	0.110	0.019	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 0.350B ON APR 8
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 08 N
LONG 101 54 50 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.80
FEB	---	AUG	0.95
MAR	95.5	SEP	0
APR	513	OCT	0.86
MAY	217	NOV	---
JUN	32.9	DEC	---

TOTAL DISCHARGE, 864 dam³

MANITO LAKE NEAR MARSDEN - STATION NO. 05GA006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	25.017	24.950E	24.922E	24.826E	---	---	---	1
2	---	---	24.968	---	---	25.015	24.949E	24.922	24.822E	---	---	---	2
3	---	---	---	---	---	25.009E	24.948E	24.921E	24.818	---	---	---	3
4	---	---	---	---	---	25.003	24.947E	24.920E	24.814E	---	---	---	4
5	---	---	---	---	---	25.003E	24.946	24.918	24.810E	---	---	---	5
6	---	---	---	---	---	25.002E	24.945E	24.918E	24.805E	---	---	---	6
7	---	---	---	---	---	25.001E	24.944E	24.917	24.801E	---	---	---	7
8	---	---	---	---	---	25.000E	24.942E	24.914E	24.797	---	---	---	8
9	---	---	---	---	---	24.999	24.941E	24.910E	24.795E	---	---	---	9
10	---	---	---	---	---	25.001	24.940E	24.906E	24.792E	---	---	---	10
11	---	---	---	---	---	25.008	24.939E	24.903E	24.789E	---	---	---	11
12	---	---	---	---	---	25.003E	24.937E	24.899	24.787E	---	---	---	12
13	---	---	---	---	---	24.998E	24.936	24.896E	24.784E	---	---	---	13
14	---	---	---	---	---	24.993E	24.935E	24.894	24.781E	---	---	---	14
15	---	---	---	---	---	24.988E	24.933E	24.890E	24.778E	---	---	---	15
16	---	---	---	---	---	24.983	24.932E	24.887E	24.776E	---	---	---	16
17	---	---	---	---	---	24.986E	24.931	24.883E	24.773E	---	---	---	17
18	---	---	---	---	---	24.989E	24.930E	24.879E	24.770E	---	---	---	18
19	---	---	---	---	---	24.992	24.929	24.876E	24.768E	24.656	---	---	19
20	---	---	---	---	---	24.982E	24.927E	24.872E	24.765E	---	---	---	20
21	---	---	---	---	---	24.972	24.926E	24.868E	24.762E	---	---	---	21
22	---	---	---	---	---	24.969E	24.925	24.865E	24.760E	---	---	---	22
23	---	---	---	---	---	24.966E	24.925E	24.861E	24.757E	---	---	---	23
24	---	---	---	---	---	24.962	24.925E	24.857E	24.754E	---	---	---	24
25	---	---	---	---	---	24.960E	24.924E	24.854E	24.752E	---	---	---	25
26	---	---	---	---	25.030	24.957E	24.924E	24.850	24.749E	---	---	---	26
27	---	---	---	---	25.030E	24.954E	24.924E	24.848	24.746	---	---	---	27
28	---	---	---	---	25.029E	24.952	24.923E	24.844E	24.743E	---	---	---	28
29	---		---	---	25.029E	24.951E	24.923E	24.839E	24.739E	---	---	---	29
30	---		---	---	25.029E	24.950E	24.923E	24.835E	24.736	---	---	---	30
31	---		---		25.029		24.922E	24.831E		---		---	31
MEAN	---	---	---	---	---	24.986	24.934	24.884	24.778	---	---	---	MEAN
MAX	---	---	---	---	---	25.017	24.950	24.922	24.826	---	---	---	MAX
MIN	---	---	---	---	---	24.950	24.922	24.831	24.736	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 33 N
LONG 109 47 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAPLE CREEK BELOW JUNCTION RESERVOIR - STATION NO. 05HA076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.003B	0.002	1.71	0.002	0.004	0.001	0.002	0.001	0.002	---	1
2	---	0 B	0.003B	0.001	1.80	0.001	0.003	0.001	0.002	0.001	0.001	---	2
3	---	0 B	0.003B	0.001	1.82	0.001	0.003	0.002	0.002	0.001	0.001A	---	3
4	---	0 B	0.003B	0.001	1.86	0.002	0.003	0.001	0.001	0.001	---	---	4
5	---	0 B	0.002B	0.002	1.89	0.001	0.003	0.001	0.001	0.001	---	---	5
6	---	0 B	0.003B	0.003	1.88	0.002	0.003	0.001	0.001	1.60	---	---	6
7	---	0 B	0.001B	0.001	1.85	0.001	0.004	0.001	0	2.94	---	---	7
8	---	0 B	0.002B	0	1.88	0.001	0.002	0.001	0	2.10	---	---	8
9	---	0 B	0.002B	0	1.64	0.004	0.002	0.002	0.001	0.006	---	---	9
10	---	0 B	0.002B	0	1.13	0.003	0.002	0.001	0	0.003	---	---	10
11	---	0 B	0.004B	0	0.008	0.003	0.001	0.001	0.001	0.004	---	---	11
12	---	0 B	0.004B	0	0.005	0.003	0.002	0.001	0	0.005	---	---	12
13	---	0 B	0.005B	0	0.006	0.005	0.003	0.001	0	0.003	---	---	13
14	---	0 B	0.007B	0	0.006	0.011	0.003	0	0	0.003	---	---	14
15	---	0 B	0.006B	0	0.007	0.007	0.003	0.001	0	0.002	---	---	15
16	---	0.004B	0.006B	0	0.011	0.004	0.003	0.001	0	0.002	---	---	16
17	---	0.012B	0.005	0	0.007	0.004	0.003	0.001	0	0.002	---	---	17
18	---	0.008B	0.005	0	0.005	0.006	0.003	0.001	0	0.002	---	---	18
19	---	0.007B	0.004	0	0.004	0.005	0.002	0.002	0	0.002	---	---	19
20	---	0.007B	0.004	0	0.004	0.004	0.002	0.002	0	0.002	---	---	20
21	---	0.006B	0.004	1.24	0.004	0.004	0.001	0.002	0	0.002	---	---	21
22	---	0.005B	0.003	2.30	0.004	0.005	0.002	0.002	0.001	0.002	---	---	22
23	---	0.005B	0.003	2.23	0.004	0.004	0.001	0.002	0	0.003	---	---	23
24	---	0.003B	0.002	2.17	0.003	0.004	0.003	0.002	0	0.003	---	---	24
25	---	0.002B	0.002	2.14	0.003	0.004	0.002	0.002	0.001	0.004	---	---	25
26	---	0.002B	0.005	1.88	0.003	0.003	0.001	0.001	0.001	0.003	---	---	26
27	---	0.002B	0.004	1.66	0.002	0.003	0.001	0.001	0.002	0.003	---	---	27
28	---	0.002B	0.003	1.68	0.002	0.004	0.001	0	0.001	0.003	---	---	28
29	---		0	1.67	0.002	0.004	0.002	0	0.001	0.003	---	---	29
30	---		0.002	1.68	0.002	0.003	0.002	0.001	0.001	0.002	---	---	30
31	---		0.002		0.002		0.001	0.002		0.003		---	31
TOTAL	---	0.065	0.104	18.661	17.554	0.108	0.071	0.038	0.019	6.712	---	---	TOTAL
MEAN	---	0.002	0.003	0.622	0.566	0.004	0.002	0.001	0.001	0.217	---	---	MEAN
MAX	---	0.012	0.007	2.30	1.89	0.011	0.004	0.002	0.002	2.94	---	---	MAX
MIN	---	0	0	0	0.002	0.001	0.001	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.177
MAXIMUM DAILY, 2.94 ON OCT 7
MINIMUM DAILY, 0 ON MAR 29
MAXIMUM INSTANTANEOUS,
3.26 AT 17:16 CST ON OCT 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 52 N
LONG 109 31 22 W
DRAINAGE AREA, 1 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.13
FEB	5.62	AUG	3.28
MAR	8.99	SEP	1.64
APR	1 610	OCT	580
MAY	1 520	NOV	---
JUN	9.33	DEC	---

TOTAL DISCHARGE, 3 740 dam³

MCDONALD CREEK NEAR MCCORD - STATION NO. 05JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.038B	0.006	0	0.004	0.008	0.001	0	0	0	---	1
2	---	---	0.043B	0.006	0	0.001	0.007	0	0	0	---	---	2
3	---	---	0.042B	0.005	0	0.001	0.005	0	0	0	---	---	3
4	---	---	0.036B	0.005	0	0.001	0.004	0	0	0	---	---	4
5	---	---	0.026B	0.005	0	0	0.002	0	0	0	---	---	5
6	---	---	0.019B	0.004	0	0	0.001	0	0	0	---	---	6
7	---	---	0.018B	0.003	0	0	0.001	0	0	0	---	---	7
8	---	---	0.018B	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0.018B	0.003	0	0.002	0	0	0	0	---	---	9
10	---	---	0.019B	0.003	0	0.005	0	0	0	0	---	---	10
11	---	---	0.019B	0.003	0	0.004	0	0	0	0	---	---	11
12	---	---	0.020B	0.003	0	0.003	0	0	0	0.002	---	---	12
13	---	---	0.016B	0.002	0	0.006	0.653	0	0	0.003	---	---	13
14	---	---	0.014B	0.002	0	0.137	1.26	0	0	0.002	---	---	14
15	---	---	0.011B	0.001	0	1.35 A	0.674	0	0	0.001	---	---	15
16	---	2.90 B	0.010B	0.001	0	1.34 A	0.307	0	0	0.001	---	---	16
17	---	2.20 B	0.009B	0.001	0	0.690	0.378	0	0	0.001	---	---	17
18	---	1.10 B	0.006B	0	0	0.470	0.239	0	0	0.002	---	---	18
19	---	0.596B	0.006B	0	0	0.340	0.155	0	0	0.001	---	---	19
20	---	0.537B	0.006B	0	0	0.247	0.101	0	0	0.001	---	---	20
21	---	0.334B	0.006B	0	0	0.184	0.063	0	0	0.001	---	---	21
22	---	0.207B	0.006B	0	0	0.141	0.034	0	0	0.001	---	---	22
23	---	0.187B	0.005B	0	0	0.102	0.024	0	0	0.001	---	---	23
24	---	0.170B	0.005B	0	0	0.083	0.015	0	0	0.001	---	---	24
25	---	0.100B	0.009B	0	0	0.063	0.009	0	0	0.001	---	---	25
26	---	0.073B	0.007B	0	0	0.048	0.007	0	0	0.001	---	---	26
27	---	0.050B	0.007B	0	0	0.033	0.005	0	0	0.001	---	---	27
28	---	0.049B	0.007B	0	0	0.025	0.004	0	0	0.001	---	---	28
29	---		0.007B	0	0	0.018	0.003	0	0	0.001	---	---	29
30	---		0.007	0	0	0.012	0.002	0	0	0.001	---	---	30
31	---		0.007		0		0.001	0		0.001		---	31
TOTAL	---	---	0.467	0.056	0	5.310	3.962	0.001	0	0.025	---	---	TOTAL
MEAN	---	---	0.015	0.002	0	0.177	0.128	0	0	0.001	---	---	MEAN
MAX	---	---	0.043	0.006	0	1.35	1.26	0.001	0	0.003	---	---	MAX
MIN	---	---	0.005	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 1.35A ON JUN 15
MINIMUM DAILY, 0 ON APR 18
MAXIMUM INSTANTANEOUS,
4.82 AT 23:09 CST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 14 N
LONG 106 50 05 W
DRAINAGE AREA, 257 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	342
FEB	---	AUG	0.09
MAR	40.3	SEP	0
APR	4.84	OCT	2.16
MAY	0	NOV	---
JUN	459	DEC	---

TOTAL DISCHARGE, 848 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

MCDONALD TRIBUTARY NEAR TOTNES - STATION NO. 05HF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.003B	0.006	0.001	0	0	0	0	0	---	---	1
2	---	0 B	0.002B	0.009	0.001	0	0	0	0	0	---	---	2
3	---	0 B	0.002B	0.006	0.001	0	0	0	0	0	---	---	3
4	---	0 B	0.006B	0.005	0.002	0	0	0	0	0	---	---	4
5	---	0 B	0.013B	0.004	0.002	0	0	0	0	0	---	---	5
6	---	0 B	0.016B	0.005	0.001	0	0	0	0	0	---	---	6
7	---	0 B	0.010B	0.004	0.002	0	0	0	0	0	---	---	7
8	---	0 B	0.009B	0.003	0.002	0	0	0	0	0	---	---	8
9	---	0 B	0.005B	0.003	0.002	0	0	0	0	0	---	---	9
10	---	0 B	0.004B	0.004	0.003	0	0	0	0	0	---	---	10
11	---	0 B	0.015B	0.004	0.003	0	0	0	0	0	---	---	11
12	---	0 B	0.016B	0.004	0.002	0	0	0	0	0	---	---	12
13	---	0 B	0.010B	0.003	0.001	0	0	0	0	0	---	---	13
14	---	0 B	0.019B	0.002	0.001	0.006	0	0	0	0	---	---	14
15	---	0 B	0.015B	0.003	0.001	0.004	0	0	0	0	---	---	15
16	---	0 B	0.010B	0.003	0	0.002	0	0	0	0	---	---	16
17	---	0.001B	0.008B	0.003	0	0.001	0	0	0	0	---	---	17
18	---	0.001B	0.007B	0.003	0	0.001	0	0	0	0	---	---	18
19	---	0.001B	0.004	0.002	0	0.001	0	0	0	0	---	---	19
20	---	0.005B	0.003	0.002	0	0.002	0	0	0	0	---	---	20
21	---	0.002B	0.002	0.002	0	0.002	0.004	0	0	0	---	---	21
22	---	0.002B	0.001	0.002	0	0.001	0.079	0	0	0	---	---	22
23	---	0.003B	0	0.002	0	0	0.005	0	0	0	---	---	23
24	---	0.006B	0.001	0.002	0	0	0.003	0	0	0	---	---	24
25	---	0.003B	0.003	0.002	0	0	0.001	0	0	0	---	---	25
26	---	0.002B	0.004	0.002	0	0	0	0	0	0	---	---	26
27	---	0.001B	0.004	0.002	0	0	0	0	0	0	---	---	27
28	---	0.001B	0.005	0.002	0	0	0	0	0	0	---	---	28
29	---		0.006	0.001	0	0	0	0	0	0	---	---	29
30	---		0.005	0.001	0	0	0	0	0	0	---	---	30
31	---		0.004		0		0	0		0		---	31
TOTAL	---	0.028	0.212	0.096	0.025	0.020	0.092	0	0	0	---	---	TOTAL
MEAN	---	0.001	0.007	0.003	0.001	0.001	0.003	0	0	0	---	---	MEAN
MAX	---	0.006	0.019	0.009	0.003	0.006	0.079	0	0	0	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.079 ON JUL 22
MINIMUM DAILY, 0 ON MAR 23
MAXIMUM INSTANTANEOUS,
0.209 AT 03:30 CST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 04 N
LONG 108 26 56 W
DRAINAGE AREA, 46.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.95
FEB	2.42	AUG	0
MAR	18.3	SEP	0
APR	8.29	OCT	0
MAY	2.16	NOV	---
JUN	1.73	DEC	---

TOTAL DISCHARGE, 38.4 dam³

MCKINNON DITCH NEAR CONSUL - STATION NO. 11AB048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.22	0	0	0	0	0	---	---	1
2	---	---	0	0	1.20	0	0	0	0	0	---	---	2
3	---	---	0	0	1.22	0	0	0	0	0	---	---	3
4	---	---	0	0	1.26	0	0	0	0	0	---	---	4
5	---	---	0	0	1.29	0	0	0	0	0	---	---	5
6	---	---	0	0	1.32	0	0	0	0	0	---	---	6
7	---	---	0	0	1.32	0	0	0	0	0	---	---	7
8	---	---	0	0	1.32	0	0	0	0	0	---	---	8
9	---	---	0	0	0.705	0	0	0	0	0	---	---	9
10	---	---	0	0	0.500	0	0	0	0	0	---	---	10
11	---	---	0	0	0.500	0	0	0	0	0	---	---	11
12	---	---	0	0	0.500	0	0	0	0	0	---	---	12
13	---	---	0	0	0.761	0	0	0	0	0	---	---	13
14	---	---	0	0	0.217	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0.788E	0	0	0	0	0	0	---	---	28
29	---		0	0.995A	0	0	0	0	0	0	---	---	29
30	---		0	1.16	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	2.943	13.333	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.098	0.430	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.16	1.32	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 1.32 ON MAY 6
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 00 N
LONG 109 29 40 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	254	OCT	0
MAY	1 150	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 400 dam³

MEADOW RIVER BELOW MEADOW LAKE - STATION NO. 06AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.230B	0.070B	0.200B	1.74B	6.34	2.63	0.853	0.373	0.105	0.077	0.029	0.033B	1
2	0.200B	0.069B	0.215B	1.89B	6.00	2.59	0.867	0.346	0.044	0.027	0.031	0.032B	2
3	0.170B	0.068B	0.230B	2.05B	5.97	2.43	0.911	0.342	0.091	0.030	0.032	0.031B	3
4	0.140B	0.067B	0.250B	2.20B	5.95	2.22	0.805	0.345	0.100	0.028	0.036	0.030B	4
5	0.125B	0.067B	0.270B	2.44B	6.01	1.98	0.855	0.320	0.088	0.029	0.035	0.030B	5
6	0.115B	0.066B	0.290B	2.60B	6.07	2.21	0.790	0.298	0.078	0.050	0.038	0.029B	6
7	0.102B	0.066B	0.315B	2.86B	5.93	1.93	0.803	0.286	0.080	0.039	0.030	0.029B	7
8	0.098B	0.065B	0.335B	3.06	5.78	1.95	0.435	0.286	0.084	0.036	0.030	0.029B	8
9	0.093B	0.065B	0.360B	3.11	5.87	1.84	0.595	0.270	0.090	0.037	0.024	0.028B	9
10	0.090B	0.065B	0.380B	3.26	5.71	1.79	0.636	0.259	0.042	0.028	0.035	0.028B	10
11	0.088B	0.066B	0.405B	3.48	5.64	1.81	0.594	0.226	0.057	0.036	0.037	0.028B	11
12	0.086B	0.066B	0.435B	3.69	5.51	1.72	0.604	0.229	0.044	0.023	0.040	0.028B	12
13	0.084B	0.067B	0.460B	3.94	5.38	1.60	0.618	0.164	0.046	0.015	0.039	0.027B	13
14	0.083B	0.068B	0.500B	4.13	5.23	1.45	0.605	0.192	0.053	0.024	0.041	0.027B	14
15	0.082B	0.070B	0.535B	4.20	5.38	1.31	0.614	0.172	0.061	0.033	0.044B	0.027B	15
16	0.081B	0.072B	0.570B	4.14	5.03	1.42	0.589	0.156	0.071	0.013	0.050B	0.027B	16
17	0.080B	0.074B	0.620B	4.54	4.98	1.28	0.599	0.163	0.058	0.004	0.054B	0.026B	17
18	0.079B	0.078B	0.660B	4.62	4.82	1.39	0.594	0.159	0.059	0.020	0.052B	0.026B	18
19	0.078B	0.084B	0.705B	4.80	4.41	1.41	0.562	0.159	0.094	0.005	0.051B	0.026B	19
20	0.078B	0.092B	0.750B	5.06	4.34	1.41	0.585	0.194	0.064	0.004	0.048B	0.026B	20
21	0.077B	0.100B	0.805B	5.20	4.09	1.33	0.538	0.133	0.034	0.009	0.046B	0.025B	21
22	0.076B	0.106B	0.870B	5.44	4.16	1.17	0.507	0.128	0.041	0.007	0.043B	0.025B	22
23	0.076B	0.114B	0.940B	5.51	4.07	1.15	0.465	0.133	0.032	0.020	0.043B	0.025B	23
24	0.075B	0.124B	1.02 B	5.79	3.93	1.06	0.448	0.139	0.062	0.016	0.045B	0.025B	24
25	0.074B	0.135B	1.08 B	5.93	3.90	1.12	0.441	0.137	0.056	0.020	0.044B	0.025B	25
26	0.074B	0.147B	1.16 B	5.86	3.57	1.06	0.437	0.147	0.034	0.026	0.041B	0.024B	26
27	0.073B	0.158B	1.25 B	5.88	3.31	0.946	0.415	0.158	0.058	0.029	0.038B	0.024B	27
28	0.072B	0.170B	1.35 B	5.89	3.14	0.932	0.372	0.115	0.100	0.027	0.037B	0.024B	28
29	0.072B		1.45 B	5.94	3.06	0.983	0.358	0.095	0.063	0.027	0.036B	0.024B	29
30	0.071B		1.54 B	6.18	3.01	0.898	0.388	0.066	0.052	0.028	0.033B	0.024B	30
31	0.070B		1.63 B		2.88		0.373	0.100		0.030		0.024B	31
TOTAL	2.992	2.459	21.580	125.43	149.47	47.019	18.256	6.290	1.941	0.797	1.182	0.836	TOTAL
MEAN	0.097	0.088	0.696	4.18	4.82	1.57	0.589	0.203	0.065	0.026	0.039	0.027	MEAN
MAX	0.230	0.170	1.63	6.18	6.34	2.63	0.911	0.373	0.105	0.077	0.054	0.033	MAX
MIN	0.070	0.065	0.200	1.74	2.88	0.898	0.358	0.066	0.032	0.004	0.024	0.024	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 6.34 ON MAY 1
MINIMUM DAILY, 0.004 ON OCT 17
MAXIMUM INSTANTANEOUS,
7.43 AT 09:47 CST ON MAY 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 10 N
LONG 108 23 40 W
DRAINAGE AREA, 3 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	259	JUL	1 580
FEB	212	AUG	543
MAR	1 860	SEP	168
APR	10 800	OCT	68.9
MAY	12 900	NOV	102
JUN	4 060	DEC	72.2

TOTAL DISCHARGE, 32 600 dam³

MIDDLE CREEK ABOVE LODGE CREEK - STATION NO. 11AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.004B	0	0	0.336	0	0	0	0	---	---	1
2	---	---	0.001B	0	0	0.105	0	0	0	0	---	---	2
3	---	---	0.011B	0	0	0.048	0	0	0	0	---	---	3
4	---	---	0.053B	0	0	0.021	0	0	0	0	---	---	4
5	---	---	0.129B	0	0	0.003	0	0	0	0	---	---	5
6	---	---	0.216B	0	0	0.001	0	0	0	0	---	---	6
7	---	---	0.146B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.108B	0	0	0	0	0	0	0	---	---	8
9	---	---	0.082B	0	0	0	0	0	0	0	---	---	9
10	---	---	0.050B	0	0	0	0	0	0	0	---	---	10
11	---	---	0.035B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.020B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.010B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.009B	0	0.001	0	0	0	0	0	---	---	14
15	---	---	0.008B	0	0.002	0	0	0	0	0	---	---	15
16	---	---	0.007B	0	0.003	0.005	0	0	0	0	---	---	16
17	---	---	0.006B	0	0.070	0.001	0	0	0	0	---	---	17
18	---	---	0.005B	0	0.107	0	0	0	0	0	---	---	18
19	---	0.085B	0.004B	0	0.178	0	0	0	0	0	---	---	19
20	---	0.066B	0.016B	0	0.141	0	0	0	0	0	---	---	20
21	---	0.204B	0.019B	0	0.211	0	0	0	0	0	---	---	21
22	---	0.194B	0.010B	0	0.186	0	0	0	0	0	---	---	22
23	---	0.071B	0.006B	0	0.181	0	0	0	0	0	---	---	23
24	---	0.018B	0.005B	0	0.408	0	0	0	0	0	---	---	24
25	---	0.013B	0.004B	0	0.333	0	0	0	0	0	---	---	25
26	---	0.004B	0.002B	0	0.237	0	0	0	0	0	---	---	26
27	---	0.002B	0.001B	0	0.268	0	0	0	0	0	---	---	27
28	---	0.005B	0 B	0	0.258	0	0	0	0	0	---	---	28
29	---		0 B	0	0.253	0	0	0	0	0	---	---	29
30	---		0 B	0	0.255	0	0	0	0	0	---	---	30
31	---		0 B		0.400		0	0		0		---	31
TOTAL	---	---	0.967	0	3.492	0.520	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.031	0	0.113	0.017	0	0	0	0	---	---	MEAN
MAX	---	---	0.216	0	0.408	0.336	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.408 ON MAY 24
MINIMUM DAILY, 0B ON MAR 28
MAXIMUM INSTANTANEOUS,
0.688 AT 20:22 CST ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 01 N
LONG 109 49 02 W
DRAINAGE AREA, 717 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	83.5	SEP	0
APR	0	OCT	0
MAY	302	NOV	---
JUN	44.9	DEC	---

TOTAL DISCHARGE, 430 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR - STATION NO. 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0.257	0	0	0	0	0	---	---	1
2	---	---	0B	0	0.210	0	0	0	0	0	---	---	2
3	---	---	0B	0	0.234	0	0	0	0	0	---	---	3
4	---	---	0B	0	0.221	0	0	0	0	0	---	---	4
5	---	---	0B	0	0.204	0	0	0	0	0	---	---	5
6	---	---	0B	0	0.050	0	0	0	0	0	---	---	6
7	---	---	0B	0	0.044	0	0	0	0	0	---	---	7
8	---	---	0B	0	0.019	0	0	0	0	0	---	---	8
9	---	---	0B	0	0.006	0	0	0	0	0	---	---	9
10	---	---	0B	0	0.001	0	0	0	0	0	---	---	10
11	---	---	0B	0	0.007	0	0	0	0	0	---	---	11
12	---	---	0B	0	0.876	0	0	0	0	0	---	---	12
13	---	---	0B	0	0.867	0	0	0	0	0	---	---	13
14	---	---	0B	0	0.510	0	0	0	0	0	---	---	14
15	---	---	0B	0	0.418	0	0	0	0	0	---	---	15
16	---	---	0B	0	0.410	0	0	0	0	0	---	---	16
17	---	---	0B	0	0.447	0	0	0	0	0	---	---	17
18	---	---	0B	0	0.359	0	0	0	0	0	---	---	18
19	---	---	0B	0	0.326	0	0	0	0	0	---	---	19
20	---	---	0B	0	0.736	0	0	0	0	0	---	---	20
21	---	---	0	0	0.740	0	0	0	0	0	---	---	21
22	---	---	0	0	0.361	0	0	0	0	0	---	---	22
23	---	---	0	0	0.311	0	0	0	0	0	---	---	23
24	---	---	0	0	0.296	0	0	0	0	0	---	---	24
25	---	---	0	0	0.277	0	0	0	0	0	---	---	25
26	---	---	0	0	0.064	0	0	0	0	0	---	---	26
27	---	---	0	0	0.010	0	0	0	0	0	---	---	27
28	---	---	0	0.073	0.002	0	0	0	0	0	---	---	28
29	---		0	0.063	0	0	0	0	0	0	---	---	29
30	---		0	0.189	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.325	8.263	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.011	0.267	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.189	0.876	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 0.876 ON MAY 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.11 AT 12:36 CST ON MAY 20

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 44 N
LONG 109 55 06 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	28.1	OCT	0
MAY	714	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 742 dam³

MIDDLE CREEK NEAR GOVENLOCK - STATION NO. 11AB108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.088	0.023	0.013	0.078	0.008	0	0	0	---	---	1
2	---	---	0.078	0.019	0.015	0.064	0.007	0	0	0	---	---	2
3	---	---	0.059	0.017	0.014	0.053	0.007	0	0	0	---	---	3
4	---	---	0.065	0.016	0.031	0.048	0.006	0	0	0	---	---	4
5	---	---	0.065	0.015	0.082	0.040	0.005	0	0	0	---	---	5
6	---	---	0.058	0.015	0.123	0.034	0.004	0	0	0	---	---	6
7	---	---	0.065	0.014	0.160	0.032	0.004	0	0	0	---	---	7
8	---	---	0.067	0.014	0.514	0.029	0.003	0	0	0	---	---	8
9	---	---	0.060	0.014	0.399	0.028	0.003	0	0	0	---	---	9
10	---	---	0.062	0.011	0.162	0.027	0.002	0	0	0	---	---	10
11	---	---	0.062	0.014	0.133	0.026	0.002	0	0	0	---	---	11
12	---	---	0.057	0.015	0.105	0.028	0.002	0	0	0	---	---	12
13	---	---	0.049	0.013	0.090	0.035	0.002	0	0	0	---	---	13
14	---	---	0.046	0.014	0.373	0.047	0.002	0	0	0	---	---	14
15	---	---	0.044	0.014	0.638	0.051	0.002	0	0	0	---	---	15
16	---	---	0.041	0.014	0.473	0.046	0.002	0	0	0	---	---	16
17	---	---	0.039	0.013	0.573	0.039	0.002	0	0	0	---	---	17
18	---	---	0.037	0.014	0.541	0.041	0.003	0	0	0	---	---	18
19	---	---	0.040	0.013	0.737	0.040	0.002	0	0	0.001	---	---	19
20	---	---	0.042	0.013	0.418	0.036	0.002	0	0	0.002	---	---	20
21	---	---	0.026	0.016	0.353	0.027	0.002	0	0	0.004	---	---	21
22	---	---	0.019	0.016	0.733	0.021	0.002	0	0	0.006	---	---	22
23	---	---	0.159	0.013	0.622	0.018	0.002	0	0	0.007	---	---	23
24	---	---	0.052	0.016	0.390	0.015	0.001	0	0	0.008	---	---	24
25	---	---	0.030	0.013	0.315	0.011	0.001	0	0	0.009	---	---	25
26	---	0.150A	0.023	0.012	0.291	0.010	0.001	0	0	0.009	---	---	26
27	---	0.102A	0.024	0.013	0.294	0.010	0	0	0	0.012	---	---	27
28	---	0.086	0.021	0.014	0.269	0.010	0	0	0	0.015A	---	---	28
29	---		0.020	0.014	0.182	0.009	0	0	0	0.020E	---	---	29
30	---		0.027	0.013	0.122	0.009	0	0	0	0.023E	---	---	30
31	---		0.028		0.092		0	0		0.025E		---	31
TOTAL	---	---	1.553	0.435	9.257	0.962	0.079	0	0	0.141	---	---	TOTAL
MEAN	---	---	0.050	0.015	0.299	0.032	0.003	0	0	0.005	---	---	MEAN
MAX	---	---	0.159	0.023	0.737	0.078	0.008	0	0	0.025	---	---	MAX
MIN	---	---	0.019	0.011	0.013	0.009	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.051
MAXIMUM DAILY, 0.737 ON MAY 19
MINIMUM DAILY, 0 ON JUL 27
MAXIMUM INSTANTANEOUS,
1.22 AT 17:53 CST ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 42 N
LONG 109 48 57 W
DRAINAGE AREA, 655 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.83
FEB	---	AUG	0
MAR	134	SEP	0
APR	37.6	OCT	12.2
MAY	800	NOV	---
JUN	83.1	DEC	---

TOTAL DISCHARGE, 1 070 dam³

REMARKS - SOME RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

MIDDLE CREEK RESERVOIR - STATION NO. 11AB080

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1028.718	1028.685	1028.477	1028.154	1028.069	1027.934	1027.752	1027.637	---	---	1
2	---	---	1028.717	1028.683	1028.454	1028.152	1028.070	1027.931	1027.750	1027.635	---	---	2
3	---	---	1028.717	1028.680	1028.431	1028.149	1028.070	1027.928	1027.746	1027.632	---	---	3
4	---	---	1028.718	1028.678	1028.425	1028.148	1028.069	1027.926	1027.742	1027.629	---	---	4
5	---	---	1028.720	1028.674	1028.427	1028.146	1028.065	1027.922	1027.739	1027.627	---	---	5
6	---	---	1028.720	1028.673	1028.430	1028.144	1028.062	1027.919	1027.737	1027.625	---	---	6
7	---	---	1028.720	1028.668	1028.430	1028.143	1028.058	1027.914	1027.733	1027.625	---	---	7
8	---	---	1028.720	1028.665	1028.427	1028.142	1028.054	1027.910	1027.730	1027.623	---	---	8
9	---	---	1028.719	1028.660	1028.426	1028.141	1028.051	1027.905	1027.726	1027.622	---	---	9
10	---	---	1028.719	1028.657	1028.425	1028.138	1028.047	1027.902	1027.720	1027.621	---	---	10
11	---	---	1028.718	1028.655	1028.419	1028.129	1028.044	1027.896	1027.715	1027.621E	---	---	11
12	---	---	1028.716	1028.652	1028.395	1028.122	1028.041	1027.891	1027.711	1027.620E	---	---	12
13	---	---	1028.715	1028.649	1028.369	1028.128	1028.039	1027.886	1027.705	1027.620E	---	---	13
14	---	---	1028.717	1028.647	1028.345	1028.140	1028.034	1027.881	1027.700	1027.618	---	---	14
15	---	---	1028.715	1028.645	1028.323	1028.144	1028.032	1027.875	1027.696	1027.618	---	---	15
16	---	---	1028.715	1028.640	1028.309	1028.142	1028.025	1027.869	1027.691	1027.617	---	---	16
17	---	---	1028.713	1028.636	1028.292	1028.137	1028.017	1027.861	1027.686	1027.614	---	---	17
18	---	---	1028.711	1028.632	1028.264	1028.132	1028.010	1027.855	1027.683	1027.611	---	---	18
19	---	---	1028.708	1028.628	1028.254	1028.127	1028.003	1027.847	1027.679	1027.609	---	---	19
20	---	---	1028.704	1028.623	1028.252	1028.122	1027.996	1027.839	1027.677	1027.607	---	---	20
21	---	---	1028.703	1028.620	1028.236	1028.116	1027.989	1027.831	1027.673	1027.606	---	---	21
22	---	---	1028.702	1028.615	1028.217	1028.115	1027.982	1027.822	1027.669	1027.605	---	---	22
23	---	1028.664A	1028.700	1028.610	1028.203	1028.102	1027.974	1027.816	1027.665	1027.605	---	---	23
24	---	1028.673	1028.698	1028.602	1028.191	1028.096	1027.971	1027.808	1027.662	1027.603	---	---	24
25	---	1028.677	1028.696	1028.592	1028.182	1028.090	1027.968	1027.799	1027.658	1027.605	---	---	25
26	---	1028.697	1028.694	1028.582	1028.178	1028.082	1027.964	1027.792	1027.655	1027.604A	---	---	26
27	---	1028.703	1028.693	1028.569	1028.174	1028.076	1027.965	1027.782	1027.652	1027.602E	---	---	27
28	---	1028.713	1028.690	1028.547	1028.172	1028.072	1027.963	1027.775	1027.649	1027.600E	---	---	28
29	---		1028.689	1028.524	1028.168	1028.068	1027.955	1027.768	1027.645	1027.597E	---	---	29
30	---		1028.687	1028.500	1028.163	1028.067	1027.947	1027.760	1027.641	1027.595E	---	---	30
31	---		1028.686		1028.158		1027.940	1027.756		1027.593E		---	31
MEAN	---	---	1028.708	1028.630	1028.310	1028.122	1028.015	1027.858	1027.696	1027.614	---	---	MEAN
MAX	---	---	1028.720	1028.685	1028.477	1028.154	1028.070	1027.934	1027.752	1027.637	---	---	MAX
MIN	---	---	1028.686	1028.500	1028.158	1028.067	1027.940	1027.756	1027.641	1027.593	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 1028.720 ON MAR 5

MAXIMUM INSTANTANEOUS,
1028.721 AT 20:18 CST ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 22 N
LONG 109 59 02 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

MIDDLE CREEK RESERVOIR BEDFORD OUTLET - STATION NO. 11AB114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

LOCATION - LAT 49 23 04 N
LONG 109 59 28 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY - STATION NO. 11AB115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

LOCATION - LAT 49 23 02 N
LONG 109 59 55 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MIDDLE CREEK RESERVOIR MAIN OUTLET - STATION NO. 11AB113

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.660	0	0	0	0	0	---	---	1
2	---	---	0	0	0.752	0	0	0	0	0	---	---	2
3	---	---	0	0	0.706	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0.873	0	0	0	0	0	---	---	11
12	---	---	0	0	1.49	0	0	0	0	0	---	---	12
13	---	---	0	0	1.22	0	0	0	0	0	---	---	13
14	---	---	0	0	0.749	0	0	0	0	0	---	---	14
15	---	---	0	0	1.37	0	0	0	0	0	---	---	15
16	---	---	0	0	1.90	0	0	0	0	0	---	---	16
17	---	---	0	0	1.89	0	0	0	0	0	---	---	17
18	---	---	0	0	0.974	0	0	0	0	0	---	---	18
19	---	---	0	0	0.219	0	0	0	0	0	---	---	19
20	---	---	0	0	0.203	0	0	0	0	0	---	---	20
21	---	---	0	0	0.405	0	0	0	0	0	---	---	21
22	---	---	0	0	0.402	0	0	0	0	0	---	---	22
23	---	---	0	0	0.400	0	0	0	0	0	---	---	23
24	---	---	0	0	0.399	0	0	0	0	0	---	---	24
25	---	---	0	0	0.182	0	0	0	0	0	---	---	25
26	---	---	0	0.066	0	0	0	0	0	0	---	---	26
27	---	---	0	0.532	0	0	0	0	0	0	---	---	27
28	---	---	0	0.718	0	0	0	0	0	0	---	---	28
29	---		0	0.822	0	0	0	0	0	0	---	---	29
30	---		0	0.880	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	3.018	14.794	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.101	0.477	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.880	1.90	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.073
MAXIMUM DAILY, 1.90 ON MAY 16
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 15 N
LONG 109 59 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	261	OCT	0
MAY	1 280	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 540 dam³

MIDDLE FORK POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.025B	0.708B	0.261	0.176	0.130	0.028	0.003	0.001	0.003	---	---	1
2	---	0.025B	0.623B	0.261	0.170	0.249	0.021	0.003	0.001	0.002	---	---	2
3	---	0.025B	0.510B	0.246	0.159	0.311	0.016	0.004	0.001	0.001	---	---	3
4	---	0.025B	0.396B	0.246	0.156	0.368	0.012	0.004	0.001	0.002	---	---	4
5	---	0.025B	0.340B	0.232	0.161	0.311	0.008	0.005	0.001	0.002	---	---	5
6	---	0.025B	0.261B	0.232	0.139	0.235	0.007	0.004	0.001	0.002	---	---	6
7	---	0.023B	0.283	0.207	0.130	0.187	0.008	0.003	0.001	0.002	---	---	7
8	---	0.023B	0.269	0.207	0.156	0.164	0.007	0.003	0	0.002	---	---	8
9	---	0.020B	0.258	0.193	0.164	0.193	0.006	0.005	0	0.002	---	---	9
10	---	0.017B	0.252	0.193	0.161	0.252	0.007	0.004	0	0.002	---	---	10
11	---	0.014B	0.258	0.193	0.167	0.241	0.006	0.003	0	0.005	---	---	11
12	---	0.011B	0.255	0.207	0.173	0.212	0.007	0.003	0	0.007	---	---	12
13	---	0.011B	0.263	0.193	0.193	0.249	0.007	0.002	0	0.008	---	---	13
14	---	0.017B	0.266	0.193	0.190	0.340	0.009	0.001	0.001	0.007	---	---	14
15	---	0.023B	0.266	0.193	0.184	0.311	0.006	0.004	0.001	0.005	---	---	15
16	---	0.566B	0.258	0.193	0.161	0.311	0.004	0.003	0.001	0.005	---	---	16
17	---	2.83 B	0.246	0.181	0.142	0.340	0.004	0.002	0.001	0.005	---	---	17
18	---	7.08 B	0.246	0.170	0.127	0.311	0.004	0.001	0.001	0.005	---	---	18
19	---	9.91 B	0.235	0.170	0.108	0.263	0.004	0.001	0.001	0.005	---	---	19
20	---	8.50 B	0.224	0.170	0.096	0.241	0.004	0.001	0.002	0.003	---	---	20
21	---	5.66 B	0.207	0.181	0.091	0.207	0.004	0.001	0.002	0.003	---	---	21
22	---	4.25 B	0.201	0.193	0.088	0.170	0.003	0.001	0.003	0.003	---	---	22
23	---	3.11 B	0.212	0.193	0.074	0.147	0.003	0.001	0.003	0.003	---	---	23
24	---	2.21 B	0.227	0.193	0.065	0.125	0.003	0.001	0.001	0.005	---	---	24
25	---	1.47 B	0.224	0.207	0.062	0.108	0.003	0.001	0.001	0.005	---	---	25
26	---	1.02 B	0.207	0.181	0.057	0.085	0.003	0	0.001	0.007	---	---	26
27	---	0.878B	0.218	0.193	0.057	0.068	0.003	0	0.001	0.007	---	---	27
28	---	0.821B	0.218	0.212	0.059	0.059	0.004	0	0.001	0.008	---	---	28
29	---		0.218	0.201	0.057	0.048	0.005	0	0.002	0.024	---	---	29
30	---		0.224	0.184	0.045	0.037	0.004	0.001	0.003	0.034	---	---	30
31	---		0.261		0.045		0.004	0.001		0.031		---	31
TOTAL	---	48.614	8.834	6.079	3.813	6.273	0.214	0.066	0.033	0.205	---	---	TOTAL
MEAN	---	1.74	0.285	0.203	0.123	0.209	0.007	0.002	0.001	0.007	---	---	MEAN
MAX	---	9.91	0.708	0.261	0.193	0.368	0.028	0.005	0.003	0.034	---	---	MAX
MIN	---	0.011	0.201	0.170	0.045	0.037	0.003	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.104
MAXIMUM DAILY, 0.708B ON MAR 1
MINIMUM DAILY, 0 ON AUG 26

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 30 N
LONG 105 41 40 W
DRAINAGE AREA, 927 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.5
FEB	4 200	AUG	5.70
MAR	763	SEP	2.85
APR	525	OCT	17.7
MAY	329	NOV	---
JUN	542	DEC	---

TOTAL DISCHARGE, 2 200 dam³

REMARKS - THE PEAK DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

MILLIGAN CREEK NEAR WADENA - STATION NO. 05MA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.010B	0.007	0	0	0	0	0	0	---	1
2	---	0B	0 B	0.010B	0.007	0	0	0	0	0	0.001A	---	2
3	---	0B	0 B	0.009B	0.011	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.008B	0.012	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.007B	0.012	0	0	0	0	0	---	---	5
6	---	0B	0 B	0.004B	0.011	0	0	0	0	0	---	---	6
7	---	0B	0 B	0.004B	0.010	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.004B	0.008	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.004B	0.006	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.003B	0.008	0	0	0	0	0	---	---	10
11	---	0B	0 B	0.003B	0.009	0	0	0	0	0	---	---	11
12	---	0B	0 B	0.001B	0.008	0	0	0	0	0	---	---	12
13	---	0B	0.001B	0.001B	0.007	0	0	0	0	0	---	---	13
14	---	0B	0.003B	0.001B	0.007	0	0	0	0	0	---	---	14
15	---	0B	0.005B	0.001B	0.007	0	0	0	0	0	---	---	15
16	---	0B	0.007B	0	0.006	0	0	0	0	0	---	---	16
17	---	0B	0.007B	0	0.005	0	0	0	0	0	---	---	17
18	---	0B	0.006B	0	0.004	0	0	0	0	0	---	---	18
19	---	0B	0.005B	0	0.003	0	0	0	0	0	---	---	19
20	---	0B	0.005B	0	0.003	0	0	0	0	0	---	---	20
21	---	0B	0.005B	0	0.002	0	0	0	0	0	---	---	21
22	---	0B	0.004B	0	0.002	0	0	0	0	0	---	---	22
23	---	0B	0.004B	0	0.001	0	0	0	0	0	---	---	23
24	---	0B	0.004B	0	0.001	0.011	0	0	0	0	---	---	24
25	---	0B	0.004B	0	0.001	0.008	0	0	0	0	---	---	25
26	---	0B	0.004B	0	0	0.005	0	0	0	0	---	---	26
27	---	0B	0.004B	0	0	0.001	0	0	0	0	---	---	27
28	---	0B	0.004B	0	0	0	0	0	0	0	---	---	28
29	---		0.005B	0.002	0	0	0	0	0	0	---	---	29
30	---		0.006B	0.005	0	0	0	0	0	0	---	---	30
31	---		0.009B		0		0	0		0		---	31
TOTAL	---	0	0.092	0.077	0.158	0.025	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.003	0.003	0.005	0.001	0	0	0	0	---	---	MEAN
MAX	---	0	0.009	0.010	0.012	0.011	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.012 ON MAY 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.013 AT 12:40 CST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 10 N
LONG 103 46 07 W
DRAINAGE AREA, 1 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	7.95	SEP	0
APR	6.65	OCT	0
MAY	13.7	NOV	---
JUN	2.16	DEC	---

TOTAL DISCHARGE, 30.5 dam³

MONNERY RIVER NEAR PARADISE HILL - STATION NO. 05EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.221B	4.42 B	0.479	0.186	0.254	0.328	0.005	0.052	0.257	---	1
2	---	---	0.221B	5.47 B	0.440	0.138	0.276	0.267	0.003	0.057	0.271	---	2
3	---	---	0.221B	5.25 B	0.436	0.110	0.267	0.253	0.002	0.053	0.264	---	3
4	---	---	0.221B	4.18 B	0.413	0.121	0.202	0.229	0.004	0.055	0.264	---	4
5	---	---	0.221B	4.55 B	0.376	0.114	0.174	0.220	0.003	0.062	0.261A	---	5
6	---	---	0.221B	3.83 B	0.350	0.102	0.223	0.217	0.004	0.060	---	---	6
7	---	---	0.221B	2.39 B	0.344	0.164	0.232	0.179	0.002	0.065	---	---	7
8	---	---	0.221B	1.91 B	0.371	0.211	0.282	0.154	0.003	0.076	---	---	8
9	---	---	0.221B	1.53 B	0.367	0.221	0.267	0.135	0.002	0.073	---	---	9
10	---	---	0.221B	1.33 B	0.357	0.216	0.307	0.102	0.006	0.075	---	---	10
11	---	---	0.221B	1.18 B	0.343	0.185	0.254	0.075	0.007	0.092	---	---	11
12	---	---	0.221B	1.14 B	0.382	0.147	0.202	0.071	0.005	0.083	---	---	12
13	---	---	0.221B	1.04 B	0.350	0.131	0.188	0.053	0.003	0.095	---	---	13
14	---	---	0.221B	0.960	0.331	0.115	0.287	0.045	0.006	0.108	---	---	14
15	---	---	0.221B	0.889	0.326	0.124	0.299	0.037	0.009	0.104	---	---	15
16	---	---	0.221B	0.910	0.279	0.148	0.291	0.033	0.015	0.102	---	---	16
17	---	---	0.221B	0.837	0.268	0.223	0.266	0.032	0.008	0.117	---	---	17
18	---	---	0.221B	0.856	0.287	0.285	0.268	0.031	0.009	0.115	---	---	18
19	---	---	0.221B	0.840	0.285	0.241	0.267	0.027	0.009	0.134	---	---	19
20	---	---	0.221B	0.873	0.275	0.202	0.260	0.018	0.006	0.142	---	---	20
21	---	---	0.221B	0.911	0.325	0.245	0.233	0.015	0.007	0.195	---	---	21
22	---	---	0.221B	0.879	0.281	0.281	0.238	0.013	0.015	0.206	---	---	22
23	---	---	0.230B	0.864	0.357	0.251	0.224	0.012E	0.022	0.192	---	---	23
24	---	---	0.250B	0.830	0.288	0.171	0.212	0.011E	0.023	0.188	---	---	24
25	---	---	0.280B	0.718	0.247	0.242	0.244	0.010E	0.025	0.197	---	---	25
26	---	---	0.333B	0.666	0.264	0.296	0.283	0.010E	0.040	0.197	---	---	26
27	---	---	0.470B	0.612	0.317	0.302	0.287	0.009E	0.070	0.189	---	---	27
28	---	---	0.799B	0.552	0.284	0.291	0.298	0.009E	0.073	0.207	---	---	28
29	---		1.38 B	0.522	0.299	0.295	0.317	0.009E	0.038	0.236	---	---	29
30	---		2.30 B	0.535	0.319	0.275	0.456	0.008E	0.044	0.247	---	---	30
31	---		3.27 B		0.248		0.398	0.007		0.252		---	31
TOTAL	---	---	14.174	51.474	10.288	6.037	8.256	2.619	0.468	4.026	---	---	TOTAL
MEAN	---	---	0.457	1.72	0.332	0.201	0.266	0.084	0.016	0.130	---	---	MEAN
MAX	---	---	3.27	5.47	0.479	0.302	0.456	0.328	0.073	0.252	---	---	MAX
MIN	---	---	0.221	0.522	0.247	0.102	0.174	0.007	0.002	0.052	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.397
MAXIMUM DAILY, 5.47B ON APR 2
MINIMUM DAILY, 0.002 ON SEP 3
MAXIMUM INSTANTANEOUS,
6.19B AT 20:21 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 28 N
LONG 109 31 38 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	713
FEB	---	AUG	226
MAR	1 220	SEP	40.4
APR	4 450	OCT	348
MAY	889	NOV	---
JUN	522	DEC	---

TOTAL DISCHARGE, 8 410 dam³

MONTREAL LAKE NEAR MOLANOSA - STATION NO. 06CA005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490.595	490.588E	490.546E	490.489	490.622	490.595	490.611	490.546	490.419	490.308	490.370	490.379	1
2	490.592	490.587E	490.543E	490.493	490.623	490.590	490.595	490.552	490.523	490.359	490.371	490.376	2
3	490.591	490.586E	490.540E	490.490	490.627	490.566	490.589	490.551	490.422	490.363	490.373	490.375	3
4	490.592	490.585E	490.537E	490.491	490.628	490.585	490.600	490.556	490.414	490.371	490.368	490.376	4
5	490.601A	490.585E	490.535E	490.496	490.627	490.593	490.588	490.559	490.431	490.361	490.367	490.380	5
6	490.600E	490.584E	490.532E	490.506	490.628	490.577	490.583	490.552	490.418	490.359	490.366	490.381	6
7	490.600E	490.583E	490.529E	490.519	490.631	490.602	490.587	490.559	490.423	490.369	490.369	490.378	7
8	490.600E	490.581E	490.526E	490.521	490.631	490.608	490.536	490.555	490.407	490.368	490.363	490.378	8
9	490.599E	490.580E	490.523E	490.529	490.628	490.613	490.586	490.543	490.417	490.372	490.365	490.380A	9
10	490.599E	490.579E	490.517E	490.527	490.626	490.611	490.582	490.538	490.424	490.357	490.367	490.381E	10
11	490.599E	490.578E	490.514E	490.527	490.627	490.591	490.580	490.572	490.407	490.374	490.369	490.381E	11
12	490.598E	490.577E	490.508E	490.531	490.624	490.592	490.575	490.511	490.407	490.435	490.369	490.382E	12
13	490.598E	490.576E	490.504E	490.526	490.622	490.597	490.565	490.549	490.417	490.376	490.368	490.382E	13
14	490.598E	490.574E	490.501E	490.527	490.675	490.589	490.578	490.517	490.405	490.366	490.371	490.382E	14
15	490.598E	490.573E	490.498E	490.532	490.635	490.576	490.596	490.499	490.392	490.343	490.381	490.382E	15
16	490.597E	490.571E	490.495E	490.544	490.623	490.577	490.593	490.509	490.352	490.373	490.379	490.383E	16
17	490.597E	490.569E	490.493E	490.544	490.617	490.694	490.566	490.507	490.369	490.424	490.379	490.383E	17
18	490.597E	490.568E	490.491E	490.546	490.611	490.599	490.562	490.508	490.390	490.341	490.377	490.383E	18
19	490.596E	490.567E	490.489E	490.548	490.614	490.605	490.591	490.497	490.371	490.396	490.373	490.383E	19
20	490.596E	490.566E	490.488E	490.551	490.626	490.592	490.556	490.481	490.358	490.400A	490.373	490.383E	20
21	490.595E	490.564E	490.487E	490.554	490.645	490.586	490.550	490.484	490.369	490.374E	490.371	490.384E	21
22	490.595E	490.563E	490.486E	490.552	490.675	490.594	490.563	490.494	490.383	490.374E	490.376	490.384E	22
23	490.594E	490.562E	490.485E	490.553	490.634	490.593	490.621	490.492	490.401	490.373E	490.378	490.384E	23
24	490.594E	490.560A	490.485E	490.556	490.628	490.616	490.614	490.481	490.383	490.373E	490.378	490.384E	24
25	490.593E	490.558E	490.484E	490.556	490.625	490.603	490.570	490.480	490.401	490.372E	490.379	490.384E	25
26	490.593E	490.555E	490.484E	490.564	490.610	490.585	490.546	490.471	490.473	490.372E	490.378	490.385E	26
27	490.592E	490.552E	490.484E	490.578	490.624	490.625	490.525	490.445	490.380	490.371A	490.378	490.385E	27
28	490.591E	490.549E	490.483E	490.610	490.645	490.606	490.565	490.437	490.346	490.366	490.375	490.385E	28
29	490.590E		490.483E	490.614	490.653	490.584	490.570	490.489	490.364	490.367	490.377	490.385E	29
30	490.589E		490.483E	490.617	490.648	490.598	490.568	490.528	490.367	490.369	490.375	490.385E	30
31	490.588E		490.483A		490.613		490.560	490.460		490.369		490.385E	31
MEAN	490.595	490.572	490.504	490.540	490.630	490.598	490.576	490.514	490.401	490.371	490.373	490.382	MEAN
MAX	490.601	490.588	490.546	490.617	490.675	490.694	490.621	490.572	490.523	490.435	490.381	490.385	MAX
MIN	490.588	490.549	490.483	490.489	490.610	490.566	490.525	490.437	490.346	490.308	490.363	490.375	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 490.504
MAXIMUM DAILY, 490.694 ON JUN 17
MINIMUM DAILY, 490.308 ON OCT 1
MAXIMUM INSTANTANEOUS,
490.817 AT 08:36 CST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 15 N
LONG 105 41 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVELS SUBJECT TO WIND SET-UP

MONTREAL RIVER AT HIGHWAY NO. 2 - STATION NO. 06CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.0 B	7.05B	8.62B	10.8	19.1	15.1	10.9	9.02	5.78	6.79	1.59B	2.00B	1
2	9.22B	6.05B	9.17B	10.6	16.9	16.0	10.8	8.88	3.21	4.52	1.45B	2.10B	2
3	9.33B	5.93B	8.15B	12.5	16.9	17.4	13.1	8.53	3.54	2.85	1.39B	2.07B	3
4	8.63B	5.93B	8.15B	11.0	18.5	18.4	9.94	8.52	5.72	2.55	1.31B	2.22B	4
5	7.68B	6.25B	8.28B	12.0	19.1	11.8	10.4	7.98	4.15	2.74	1.56B	2.02B	5
6	8.01B	6.35B	8.21B	10.7	18.7	13.6	10.6	8.07	4.65	2.98	1.51B	1.86B	6
7	7.68B	5.33B	8.34B	8.82	18.5	13.5	10.4	6.85	3.92	2.48	1.06B	2.46B	7
8	7.21B	5.63B	8.23B	12.0	16.7	12.5	17.0	7.30	5.13	2.35	2.16B	2.37B	8
9	7.54B	5.39B	8.73B	12.6	19.0	12.5	11.1	7.80	4.41	2.47	1.75B	2.19B	9
10	8.17B	5.08B	9.38B	12.6	18.9	11.0	9.50	8.42	3.61	2.99	1.29B	1.98B	10
11	8.75B	4.28B	7.28B	13.7	19.9	11.9	8.61	5.65	3.97	3.18	1.36B	2.22B	11
12	8.23B	4.51B	8.09B	10.6	19.7	13.2	9.02	8.13	3.65	1.81	1.46B	2.38B	12
13	8.58B	4.91B	9.14B	12.0	20.0	11.1	9.50	6.63	3.00	0.653	1.31B	2.13B	13
14	8.02B	5.42B	7.58B	13.6	13.6	11.0	8.52	6.64	2.79	2.28	1.49B	2.11B	14
15	8.54B	6.25B	10.1 B	13.0	16.5	11.7	7.59	8.33	2.90	3.63	1.15B	1.95B	15
16	9.21B	6.83B	10.6 B	11.9	19.0	11.9	6.73	7.44	5.69	3.80	1.00B	1.91B	16
17	8.87B	7.67B	12.0 B	13.1	19.7	6.97	8.70	6.84	5.22	1.29	1.55B	2.14B	17
18	8.23B	8.73B	7.37B	13.1	20.9	12.2	9.52	7.02	2.83	1.51	1.94B	2.06B	18
19	7.58B	9.11B	7.45B	14.2	21.2	12.2	7.50	7.45	3.61	2.40	1.85B	2.35B	19
20	6.84B	9.35B	5.72B	16.3	18.2	13.2	7.99	8.16	3.97	0.913	1.98B	1.87B	20
21	6.29B	9.53B	8.72B	13.9	15.2	14.0	8.49	7.81	3.17	1.51	2.52B	2.37B	21
22	6.66B	9.44B	9.39B	14.3	12.6	14.8	8.43	6.01	2.60	1.39	3.18B	2.52B	22
23	6.52B	9.39B	8.43B	15.3	16.5	13.7	5.79	5.98	2.17	1.13 B	2.60B	2.95B	23
24	6.65B	8.96B	8.55B	17.0	17.0	12.1	4.19	6.54	2.75	1.02 B	2.43B	3.02B	24
25	7.64B	9.30B	9.54B	17.1	17.3	12.9	6.58	6.32	2.78	2.13 B	2.22B	2.78B	25
26	7.85B	9.26B	12.3 B	17.0	18.3	16.1	8.76	6.40	1.25	2.11 B	2.19B	2.99B	26
27	7.72B	9.08B	10.5 B	16.9	16.3	10.1	11.0	7.56	0.922	2.14 B	1.97B	2.53B	27
28	7.65B	9.35B	11.5 B	17.2	13.4	12.1	7.75	8.50	3.26	2.00 B	2.19B	2.73B	28
29	7.57B		12.8 B	16.9	11.4	14.0	6.00	3.74	3.47	1.69 B	2.35B	2.74B	29
30	7.61B		11.1	16.6	14.1	13.3	6.43	2.44	2.80	1.50 B	2.02B	2.68B	30
31	7.23B		10.6		14.6		7.38	2.31		1.76 B		2.54B	31
TOTAL	245.71	200.36	284.02	407.32	537.7	386.27	278.22	217.27	106.922	72.566	53.83	72.24	TOTAL
MEAN	7.93	7.16	9.16	13.6	17.3	12.9	8.97	7.01	3.56	2.34	1.79	2.33	MEAN
MAX	10.0	9.53	12.8	17.2	21.2	17.4	17.0	9.02	5.78	6.79	3.18	3.02	MAX
MIN	6.29	4.28	5.72	8.82	11.4	6.97	4.19	2.31	0.922	0.653	1.00	1.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.84
MAXIMUM DAILY, 21.2 ON MAY 19
MINIMUM DAILY, 0.653 ON OCT 13
MAXIMUM INSTANTANEOUS,
29.0 AT 10:47 CST ON JUL 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 30 N
LONG 105 41 20 W
DRAINAGE AREA, 5 450 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 200	JUL	28 000
FEB	17 300	AUG	18 800
MAR	24 500	SEP	9 240
APR	35 200	OCT	6 270
MAY	46 500	NOV	4 650
JUN	33 400	DEC	6 240

TOTAL DISCHARGE, 247 000 dam³

MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE - STATION NO. 06CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.1	14.6	12.7	13.0	20.6	23.9	17.1	11.2	7.10	5.44	5.67	6.04	1
2	16.9	14.5	12.7	13.3	21.1	23.8	16.7	11.2	7.29	5.41	5.69	6.04	2
3	16.7	14.4	12.7	13.6	22.0	23.7	16.5	11.2	7.74	5.54	5.65	6.08	3
4	16.5	14.3	12.6	13.6	22.6	23.6	16.4	11.0	7.22	5.57	5.62	6.01	4
5	16.5	14.3	12.5	13.7	23.1	23.6	15.9	10.8	7.00	5.59	5.73	5.94	5
6	16.5	14.3	12.5	14.4	23.5	22.1	15.1	10.9	6.94	5.57	5.66	6.02	6
7	16.3	14.2	12.4	15.8	24.0	21.8	15.3	10.8	6.93	5.24	5.60	6.06	7
8	16.3	14.1	12.4	15.8	24.1	21.6	16.7	10.5	6.79	4.57	5.58	6.07	8
9	16.0	14.0	12.5	15.7	24.8	21.3	16.4	10.2	6.80	4.80	5.57	6.02	9
10	16.0	13.8	12.5	15.2	25.2	21.2	15.5	10.2	7.01	5.56	5.56	6.08	10
11	15.8	13.7	12.7	15.1	25.8	21.1	14.9	9.82	7.02	5.66	5.53	6.51	11
12	15.6	13.6	12.6	15.8	26.1	20.3	14.6	9.58	6.95	5.60	5.49	6.49	12
13	15.7	13.6	12.5	16.0	26.4	19.5	14.0	9.67	6.81	5.88	5.51	6.42	13
14	15.6	13.4	12.6	16.0	25.4	19.2	13.5	9.22	6.56	6.07	5.54	6.38	14
15	15.6	13.5	12.5	16.1	24.7	19.4	13.2	8.92	6.32	5.96	5.80	6.30	15
16	15.5	13.4	12.5	16.1	25.2	19.0	13.2	8.72	6.21	5.98	5.92	6.19	16
17	15.2	13.3	12.3	16.2	25.6	18.5	13.2	8.55	6.01	6.18	5.89	6.10	17
18	15.2	13.2	12.4	16.5	26.4	19.1	13.3	8.42	5.90	6.15	5.84	6.06	18
19	15.1	13.1	12.5	16.4	26.6	18.9	12.6	8.36	5.47	5.88	5.90	6.06	19
20	14.9	13.0	12.7	16.4	26.4	17.9	12.1	8.35	5.02	5.89	5.84	6.25	20
21	15.0	12.9	13.2	16.7	26.6	17.3	11.6	8.14	5.11	6.15	5.91	6.49	21
22	14.9	12.9	13.1	16.7	26.4	18.0	11.5	8.24	5.61	6.11	5.96	6.54	22
23	14.8	13.0	13.0	16.7	26.3	18.0	12.3	8.10	6.36	5.80	6.24	6.66	23
24	14.9	12.9	13.0	16.6	26.3	18.3	12.5	7.96	6.31	5.68	6.24	6.66	24
25	15.0	12.8	13.1	17.2	25.9	18.5	12.6	7.91	6.06	5.55	6.22	6.61	25
26	14.9	12.8	13.0	17.9	25.2	18.1	12.5	7.81	5.88	5.61	6.22	6.59	26
27	14.9	12.8	13.0	18.5	25.6	18.2	12.3	7.89	5.90	5.60	6.22	6.62	27
28	14.8	12.8	13.2	18.7	24.9	18.1	12.1	7.65	5.35	5.49	6.19	6.59	28
29	14.7		13.1	19.1	25.0	17.8	11.8	7.32	5.25	5.47	6.12	6.57	29
30	14.7		13.1	20.1	24.9	17.3	11.3	7.03	5.39	5.53	6.07	6.54	30
31	14.7		13.2		23.9		11.1	7.47		5.65		6.49	31
TOTAL	482.3	379.2	394.8	482.9	770.6	598.7	427.8	283.13	190.31	175.18	174.98	195.48	TOTAL
MEAN	15.6	13.5	12.7	16.1	24.9	20.0	13.8	9.13	6.34	5.65	5.83	6.31	MEAN
MAX	17.1	14.6	13.2	20.1	26.6	23.9	17.1	11.2	7.74	6.18	6.24	6.66	MAX
MIN	14.7	12.8	12.3	13.0	20.6	17.3	11.1	7.03	5.02	4.57	5.49	5.94	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 26.6 ON MAY 19
MINIMUM DAILY, 4.57 ON OCT 8
MAXIMUM INSTANTANEOUS,
27.5 AT 21:26 CST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 50 W
DRAINAGE AREA, 7 280 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 700	JUL	37 000
FEB	32 800	AUG	24 500
MAR	34 100	SEP	16 400
APR	41 700	OCT	15 100
MAY	66 600	NOV	15 100
JUN	51 700	DEC	16 900

TOTAL DISCHARGE, 394 000 dam³

MOOSE JAW RIVER ABOVE THUNDER CREEK - STATION NO. 05JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0B	0	0	0	0	0	0	0	---	---	1
2	---	0B	0B	0	0	0	0	0	0	0	---	---	2
3	---	0B	0B	0	0	0	0	0	0	0	---	---	3
4	---	0B	0B	0	0	0	0	0	0	0	---	---	4
5	---	0B	0B	0	0	0	0	0	0	0	---	---	5
6	---	0B	0B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0B	0	0	0	0	0	0	0	---	---	12
13	---	0B	0B	0	0	0	0	0	0	0	---	---	13
14	---	0B	0B	0	0	0	0	0	0	0	---	---	14
15	---	0B	0B	0	0	0	0	0	0	0	---	---	15
16	---	0B	0B	0	0	0	0	0	0	0	---	---	16
17	---	0B	0B	0	0	0	0	0	0	0	---	---	17
18	---	0B	0B	0	0	0	0	0	0	0	---	---	18
19	---	0B	0B	0	0	0	0	0	0	0	---	---	19
20	---	0B	0B	0	0	0	0	0	0	0	---	---	20
21	---	0B	0B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0B	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 46 N
LONG 105 31 49 W
DRAINAGE AREA, 5 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MOOSE JAW RIVER NEAR BURDICK - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.165B	0.149B	0.202B	0.200	0.035	0.181	0.095	0.571	0.187A	0.173	0.208	0.134B	1
2	0.157B	0.127B	0.203B	0.205	0.039	0.168	0.073	0.248	0.083	0.149	0.199	0.151B	2
3	0.161B	0.126B	0.192B	0.203	0.036	0.138	0.080	0.128	0.114	0.134	0.196	0.168B	3
4	0.180B	0.134B	0.185B	0.207	0.025	0.132	0.081	0.106	0.499	0.124	0.192	0.157B	4
5	0.172B	0.141B	0.170B	0.211	0.018	0.122	0.073	0.092	0.609	0.095	0.186	0.151B	5
6	0.170B	0.127B	0.163B	0.206	0.011	0.115	0.081	0.123	0.495	0.111	0.198	0.154B	6
7	0.217B	0.118B	0.162B	0.181	0.019	0.131	0.083	0.186	0.403	0.106	0.385	0.158B	7
8	0.179B	0.152B	0.160B	0.179	0.025	0.107	0.086	0.146	0.354	0.138	0.405	0.148B	8
9	0.207B	0.149B	0.158B	0.172	0.023	0.115	0.093	0.119	0.335	0.179	0.351	0.153B	9
10	0.226B	0.204B	0.168B	0.139	0.035	0.104	0.051	0.103	0.297	0.182	0.305	0.155B	10
11	0.196B	0.236B	0.177B	0.148	0.032	0.106	0.052	0.114	0.264	0.194	0.272	0.149B	11
12	0.189B	0.259B	0.174B	0.201	0.032	0.133	0.087	0.130	0.264	0.279	0.258	0.141B	12
13	0.173B	0.246B	0.175B	0.185	0.033	0.252	0.103	0.146	0.230	0.528A	0.174	0.142B	13
14	0.159B	0.240B	0.187B	0.182	0.061	0.399	0.153	0.149	0.166	0.575E	0.080	0.142B	14
15	0.149B	0.300B	0.183B	0.196	0.071	0.369	0.195	0.144	0.136	0.556A	0.053	0.155B	15
16	0.132B	0.375B	0.183B	0.187	0.089	0.270	0.236	0.133	0.133	0.427	0.039	0.150B	16
17	0.127B	0.450B	0.174B	0.128	0.118	0.221	0.157	0.130	0.153	0.325	0.037	0.160B	17
18	0.129B	0.400B	0.172B	0.142	0.115	0.244	0.123	0.186	0.135	0.262	0.077B	0.163B	18
19	0.120B	0.360B	0.167B	0.144	0.107	0.164	0.126	0.196	0.112	0.190	0.110B	0.165B	19
20	0.122B	0.344B	0.164B	0.163	0.089	0.165	0.104	0.186	0.135	0.164	0.130B	0.171B	20
21	0.115B	0.320B	0.237B	0.160	0.062	0.183	0.112	0.194	0.115	0.429	0.141B	0.169B	21
22	0.111B	0.316B	0.233B	0.171	0.061	0.168	0.104	0.198	0.152	0.442	0.140B	0.148B	22
23	0.117B	0.320B	0.242B	0.195	0.125	0.147	0.115	0.398	0.125	0.423	0.144B	0.122B	23
24	0.119B	0.281B	0.217B	0.168	0.121	0.136	0.125	0.446	0.107	0.387	0.152B	0.113B	24
25	0.115B	0.248B	0.208B	0.156	0.116	0.124	0.154	0.255	0.162	0.331	0.145B	0.099B	25
26	0.121B	0.241B	0.191B	0.144	0.101	0.099	0.223	0.068	0.474	0.269	0.192B	0.093B	26
27	0.109B	0.221B	0.186B	0.125	0.096	0.099	0.179	0.057	0.582	0.202	0.171B	0.082B	27
28	0.117B	0.208B	0.188B	0.105	0.079	0.108	0.180	0.325	0.382	0.249	0.155B	0.073B	28
29	0.103B		0.199B	0.071	0.084	0.118	0.272	0.283A	0.293	0.276	0.144B	0.070B	29
30	0.139B		0.196B	0.039	0.121	0.106	0.227	0.250E	0.210	0.239	0.144B	0.078B	30
31	0.165B		0.201		0.147		0.475	0.220E		0.224		0.079B	31
TOTAL	4.661	6.792	5.817	4.913	2.126	4.924	4.298	6.026	7.706	8.362	5.383	4.193	TOTAL
MEAN	0.150	0.243	0.188	0.164	0.069	0.164	0.139	0.194	0.257	0.270	0.179	0.135	MEAN
MAX	0.226	0.450	0.242	0.211	0.147	0.399	0.475	0.571	0.609	0.575	0.405	0.171	MAX
MIN	0.103	0.118	0.158	0.039	0.011	0.099	0.051	0.057	0.083	0.095	0.037	0.070	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.179
MAXIMUM DAILY, 0.609 ON SEP 5
MINIMUM DAILY, 0.011 ON MAY 6
MAXIMUM INSTANTANEOUS,
0.771 ON OCT 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 00 N
LONG 105 23 50 W
DRAINAGE AREA, 9 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	403	JUL	371
FEB	587	AUG	521
MAR	503	SEP	666
APR	424	OCT	722
MAY	184	NOV	465
JUN	425	DEC	362

TOTAL DISCHARGE, 5 630 dam³

MOOSE JAW RIVER NEAR LANG - STATION NO. 05JE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0	0	0	0	0	0	0	0	---	3
4	---	---	0.001B	0	0	0	0	0	0	0	---	---	4
5	---	---	0.002B	0	0	0	0	0	0	0	---	---	5
6	---	---	0.003B	0	0	0	0	0	0	0	---	---	6
7	---	---	0.002B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.002B	0	0	0	0	0	0	0	---	---	8
9	---	---	0.002B	0	0	0	0	0	0	0	---	---	9
10	---	---	0.002B	0	0	0	0	0	0	0	---	---	10
11	---	---	0.002B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.001B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.002B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.004B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.004B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.005B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.005B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.008B	0	0	0	0	0	0	0	---	---	18
19	---	---	0.009B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.006B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.005B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.003	0	0	0	0	0	0	0	---	---	22
23	---	---	0.002	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.002	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.001	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0	---	---	27
28	---	0B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0		0		---	30
31	---		0		0		0	0		0			31
TOTAL	---	---	0.073	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.009	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.009B ON MAR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.010B AT 10:30 CST ON MAR 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 51 N
LONG 104 28 57 W
DRAINAGE AREA, 865 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	6.31	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6.31 dam³

MOOSE JAW RIVER NEAR ROULEAU - STATION NO. 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.021B	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.022B	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.027B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.018B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.004B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.001B	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.001B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.020B	0	0	0	0	0	0	0	---	---	18
19	---	---	0.040B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.045B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.055B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.038B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.036B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.034B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.037B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.042B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.040B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.042B	0	0	0	0	0	0	0	---	---	28
29	---		0.050B	0	0	0	0	0	0	0	---	---	29
30	---		0.026B	0	0	0	0	0		0		---	30
31	---		0.024B		0		0	0		0			31
TOTAL	---	---	0.530	0.093	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.017	0.003	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.055	0.027	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.055B ON MAR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.061B AT 07:10 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 29 N
LONG 104 59 08 W
DRAINAGE AREA, 2 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	45.8	SEP	0
APR	8.04	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 53.8 dam³

MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE - STATION NO. 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.002	0.016	0.017	0.017	0.014	0.001	0.002	0.007	0.012	---	1
2	---	---	0.002	0.016	0.020	0.016	0.017	0.003	0.002	0.009	0.010	---	2
3	---	---	0.002	0.014	0.016	0.012	0.009	0.005	0.001	0.011	0.012	---	3
4	---	---	0.002	0.012	0.018	0.025	0.005	0.001	0	0.012	0.017A	---	4
5	---	---	0.002	0.009	0.017	0.021	0.006	0.007	0.001	0.009	---	---	5
6	---	---	0.002	0.016	0.015	0.012	0.004	0.008	0.002	0.003	---	---	6
7	---	---	0.002	0.010	0.017	0.015	0.003	0.008	0.002	0.003	---	---	7
8	---	---	0.002	0.006	0.020	0.010	0.002	0.008	0	0.007	---	---	8
9	---	---	0.002	0.009	0.012	0.010	0.002	0.008	0	0.011	---	---	9
10	---	---	0.002	0.012	0.016	0.011	0.002	0.008	0	0.009	---	---	10
11	---	---	0.004	0.007	0.015	0.013	0.004	0.005	0	0.006	---	---	11
12	---	---	0.003	0.016	0.015	0.014	0.005	0.005	0.001	0.017	---	---	12
13	---	---	0.002	0.012	0.016	0.015	0.002	0.004	0.001	0.018	---	---	13
14	---	---	0.004	0.008	0.017	0.059	0.003	0.008	0.002	0.009	---	---	14
15	---	---	0.003	0.010	0.016	0.093	0.006	0.010	0	0.010	---	---	15
16	---	---	0.004	0.013	0.018	0.047	0.006	0.007	0	0.010	---	---	16
17	---	---	0.003	0.010	0.018	0.038	0.007	0.006	0	0.010	---	---	17
18	---	---	0.003	0.009	0.018	0.023	0.005	0.009	0	0.005	---	---	18
19	---	---	0.003	0.010	0.018	0.027	0.013	0.011	0	0.007	---	---	19
20	---	---	0.004	0.008	0.017	0.020	0.009	0.008	0	0.005	---	---	20
21	---	---	0.004	0.018	0.016	0.023	0.005	0.006	0.001	0.005	---	---	21
22	---	---	0.004	0.014	0.021	0.029	0.004	0.019	0.005	0.005	---	---	22
23	---	0.015A	0.005	0.012	0.024	0.021	0.005	0.024	0.003	0.005	---	---	23
24	---	0.003	0.005	0.012	0.035	0.021	0.008	0.023	0.002	0.006	---	---	24
25	---	0.002	0.006	0.016	0.034	0.016	0.010	0.015	0.005	0.005	---	---	25
26	---	0.002	0.003	0.015	0.024	0.011	0.008	0.013	0.013	0.006	---	---	26
27	---	0.002	0.027	0.016	0.023	0.011	0.002	0.003	0.006	0.006	---	---	27
28	---	0.002	0.083	0.020	0.016	0.009	0.001	0.001	0.005	0.006	---	---	28
29	---		0.031	0.026	0.021	0.014	0	0.001	0.007	0.007	---	---	29
30	---		0.022	0.025	0.016	0.011	0.001	0.001	0.010	0.023	---	---	30
31	---		0.022		0.017		0.002	0.003		0.012		---	31
TOTAL	---	---	0.265	0.397	0.583	0.664	0.170	0.239	0.071	0.264	---	---	TOTAL
MEAN	---	---	0.009	0.013	0.019	0.022	0.005	0.008	0.002	0.009	---	---	MEAN
MAX	---	---	0.083	0.026	0.035	0.093	0.017	0.024	0.013	0.023	---	---	MAX
MIN	---	---	0.002	0.006	0.012	0.009	0	0.001	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.093 ON JUN 15
MINIMUM DAILY, 0 ON JUL 29
MAXIMUM INSTANTANEOUS,
0.138 AT 17:03 CST ON OCT 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 23 N
LONG 103 00 54 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14.7
FEB	---	AUG	20.6
MAR	22.9	SEP	6.13
APR	34.3	OCT	22.8
MAY	50.4	NOV	---
JUN	57.4	DEC	---

TOTAL DISCHARGE, 229 dam³

MOOSE MOUNTAIN CREEK NEAR OXBOW - STATION NO. 05ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.370B	0.038	0.108	0.002	0	0	0	0	---	---	1
2	---	0 B	0.334B	0.036	0.097	0.001	0	0	0	0	---	---	2
3	---	0 B	0.223B	0.034	0.090	0	0	0	0	0	---	---	3
4	---	0 B	0.181B	0.035	0.089	0.005	0	0	0	0	---	---	4
5	---	0 B	0.137B	0.034	0.083	0.007	0	0	0	0	---	---	5
6	---	0 B	0.105B	0.030	0.072	0.001	0	0	0	0	---	---	6
7	---	0 B	0.094B	0.027	0.063	0.001	0	0	0	0	---	---	7
8	---	0 B	0.086B	0.044	0.061	0	0	0	0	0	---	---	8
9	---	0 B	0.075B	0.060	0.059	0	0	0	0	0	---	---	9
10	---	0 B	0.070B	0.067	0.055	0	0	0	0	0	---	---	10
11	---	0 B	0.065B	0.072	0.055	0	0	0	0	0	---	---	11
12	---	0 B	0.062B	0.075	0.050	0.001	0	0	0	0	---	---	12
13	---	0 B	0.057B	0.078	0.047	0.005	0	0	0	0	---	---	13
14	---	0 B	0.055B	0.078	0.044	0.012	0	0	0	0	---	---	14
15	---	0 B	0.053	0.074	0.037	0.011	0	0	0	0	---	---	15
16	---	0.070B	0.052	0.082	0.031	0.005	0	0	0	0	---	---	16
17	---	0.500B	0.050	0.083	0.027	0.010	0	0	0	0	---	---	17
18	---	0.700B	0.048	0.085	0.026	0.007	0	0	0	0	---	---	18
19	---	0.960B	0.046	0.088	0.023	0.007	0	0	0	0	---	---	19
20	---	0.930B	0.044	0.096	0.016	0.009	0	0	0	0	---	---	20
21	---	0.880B	0.042	0.081	0.012	0.010	0	0	0	0	---	---	21
22	---	0.800B	0.040	0.087	0.012	0.008	0	0	0	0	---	---	22
23	---	0.727B	0.039	0.087	0.010	0.003	0	0	0	0	---	---	23
24	---	0.650B	0.041	0.079	0.014	0.003	0	0	0	0	---	---	24
25	---	0.600B	0.053	0.077	0.013	0	0	0	0	0	---	---	25
26	---	0.540B	0.055	0.078	0.011	0	0	0	0	0	---	---	26
27	---	0.490B	0.052	0.083	0.011	0	0	0	0	0	---	---	27
28	---	0.410B	0.055	0.091	0.009	0	0	0	0	0	---	---	28
29	---		0.051	0.108	0.006	0	0	0	0	0	---	---	29
30	---		0.045	0.118	0.003	0	0	0	0	0	---	---	30
31	---		0.042		0.003		0	0		0		---	31
TOTAL	---	8.257	2.722	2.105	1.237	0.108	0	0	0	0	---	---	TOTAL
MEAN	---	0.295	0.088	0.070	0.040	0.004	0	0	0	0	---	---	MEAN
MAX	---	0.960	0.370	0.118	0.108	0.012	0	0	0	0	---	---	MAX
MIN	---	0	0.039	0.027	0.003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 0.370B ON MAR 1
MINIMUM DAILY, 0 ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 58 N
LONG 102 13 41 W
DRAINAGE AREA, 6 050 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	713	AUG	0
MAR	235	SEP	0
APR	182	OCT	0
MAY	107	NOV	---
JUN	9.33	DEC	---

TOTAL DISCHARGE, 533 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING - STATION NO. 05NC002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	619.891E	---	---	619.946	619.897	619.789	619.737	619.621	619.553	619.494	619.471	619.489A	1
2	---	619.891A	---	619.945	619.898	619.785	619.734	619.620	619.555	619.490	619.468	---	2
3	---	---	---	619.946	619.893	619.783	619.728	619.616	619.547	619.486	619.468	---	3
4	---	---	---	619.945	619.888	619.785	619.722	619.611	619.517	619.482	619.469A	---	4
5	---	---	---	619.944	619.881	619.783	619.713	619.627	619.531	619.479	---	---	5
6	---	---	---	619.939	619.871	619.774	619.707	619.639	619.538	619.474	---	---	6
7	---	---	---	619.935	619.867	619.774	619.702	619.632	619.532	619.472	---	---	7
8	---	---	---	619.934	619.865	619.772	619.688	619.627	619.528	619.470	---	---	8
9	---	---	---	619.930	619.861	619.772	619.678	619.623	619.528	619.470	---	---	9
10	---	---	---	619.929	619.859	619.772	619.671	619.620	619.523	619.470	---	---	10
11	---	---	---	619.926	619.857	619.767	619.666	619.615	619.518	619.463	---	---	11
12	---	---	---	619.924	619.851	619.759	619.662	619.606	619.515	619.477	---	---	12
13	---	---	---	619.923	619.849	619.759	619.655	619.600	619.515	619.499	---	---	13
14	---	---	---	619.922	619.846	619.774	619.654	619.596	619.509	619.493	---	---	14
15	---	---	---	619.921	619.840	619.780	619.654	619.590	619.505	619.489	---	---	15
16	---	---	---	619.920	619.832	619.783	619.651	619.585	619.498	619.486	---	---	16
17	---	---	---	619.916	619.829	619.790	619.645	619.584	619.494	619.485	---	---	17
18	---	---	---	619.912	619.826	619.785	619.641	619.586	619.495	619.482	---	---	18
19	---	---	---	619.909	619.819	619.777	619.658	619.588	619.496	619.481	---	---	19
20	---	---	---	619.905	619.813	619.774	619.657	619.583	619.495	619.480	---	---	20
21	---	---	---	619.902	619.809	619.772	619.650	619.582	619.485	619.477	---	---	21
22	---	---	---	619.898	619.818	619.773	619.651	619.581	619.492	619.474	---	---	22
23	---	619.905A	---	619.897	619.816	619.772	619.656	619.583	619.495	619.471	---	---	23
24	---	---	---	619.896	619.818	619.772	619.652	619.588	619.487A	619.472	---	---	24
25	---	---	---	619.892	619.811	619.764	619.646	619.589	619.485E	619.472	---	---	25
26	---	---	---	619.890	619.805	619.746	619.636	619.588	619.482E	619.471	---	---	26
27	---	---	---	619.891	619.803	619.746	619.623	619.579	619.480E	619.470	---	---	27
28	---	619.909E	---	619.893	619.807	619.752	619.610	619.567	619.478E	619.467	---	---	28
29	---	---	---	619.895	619.804	619.751	619.620	619.567	619.475A	619.471	---	619.507A	29
30	---	---	619.944A	619.896	619.796	619.743	619.626	619.569	619.492	619.472	619.489E	---	30
31	619.891E		619.946		619.795		619.626	619.569		619.471		619.508E	31
MEAN	---	---	---	619.917	619.839	619.771	619.665	619.598	619.508	619.478	---	---	MEAN
MAX	---	---	---	619.946	619.898	619.790	619.737	619.639	619.555	619.499	---	---	MAX
MIN	---	---	---	619.890	619.795	619.743	619.610	619.567	619.475	619.463	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 619.946 ON MAR 31
MINIMUM DAILY, 619.463 ON OCT 11
MAXIMUM INSTANTANEOUS,
620.100 AT 17:30 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 103 01 58 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MOOSOMIN RESERVOIR NEAR MOOSOMIN - STATION NO. 05NE002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	543.997E	543.962E	543.934	543.935	543.898	543.791	543.798	543.747	543.739	---	1
2	---	---	543.988E	543.962E	543.943	543.937	543.903	543.795	543.794	543.743	543.738	---	2
3	---	---	543.981E	543.958E	543.942	543.933	543.898	543.794	543.792	543.740	543.736	---	3
4	---	---	543.975E	543.956E	543.944	543.942	543.894	543.795	543.784	543.735	543.740A	---	4
5	---	---	543.970E	543.951E	543.941	543.953	543.890	543.814	543.783	543.729	---	---	5
6	---	---	543.965E	543.956E	543.932	543.939	543.879	543.822	543.784	543.724	---	---	6
7	---	---	543.962E	543.952A	543.932	543.950	543.877	543.818	543.781	543.718	---	---	7
8	---	---	543.958E	543.950E	543.935	543.937	543.881	543.815	543.780	543.719	---	---	8
9	---	---	543.956E	543.948E	543.930	543.937	543.858	543.811	543.780	543.727	---	---	9
10	---	---	543.955E	543.946E	543.920	543.933	543.851	543.810	543.775	543.721	---	---	10
11	---	---	543.955E	543.944E	543.919	543.929	543.849	543.808	543.774	543.717	---	---	11
12	---	---	543.957A	543.942E	543.924	543.927	543.847	543.800	543.770	543.721	---	---	12
13	---	---	543.955E	543.940E	543.928	543.924	543.842	543.798	543.768	543.725	---	---	13
14	---	---	543.954E	543.938E	543.927	543.934	543.839	543.794	543.763	543.722	---	---	14
15	---	---	543.953E	543.935E	543.923	543.948	543.838	543.788	543.756	543.721	---	---	15
16	---	---	543.953E	543.933E	543.918	543.939	543.835	543.785	543.751	543.720	---	---	16
17	---	---	543.953E	543.931E	543.918	543.955	543.830	543.785	543.747	543.721	---	---	17
18	---	---	543.952E	543.929E	543.917	543.951	543.828	543.781	543.747	543.719	---	---	18
19	---	---	543.950E	543.927E	543.913	543.938	543.827	543.782	543.741	543.721	543.753A	---	19
20	---	---	543.948E	543.925E	543.914	543.937	543.822	543.779	543.739	543.720	---	---	20
21	---	---	543.947E	543.923E	543.914	543.934	543.815	543.778	543.738	543.719	---	---	21
22	---	---	543.946E	543.921A	543.924	543.938	543.812	543.778	543.735	543.720	---	---	22
23	---	---	543.944E	543.917	543.929	543.940	543.814	543.785	543.735	543.719	---	---	23
24	---	544.023A	543.943E	543.911	543.932	543.951	543.808	543.810	543.731	543.718	---	---	24
25	---	544.023E	543.947A	543.918	543.936	543.940	543.800	543.815	543.730	543.720	543.715A	---	25
26	---	544.020E	543.946E	543.920	543.938	543.927	543.795	543.819	543.770	543.720	---	---	26
27	---	544.016E	543.946E	543.917	543.938	543.927	543.790	543.818	543.752	543.723	---	---	27
28	---	544.006E	543.962E	543.915	543.942	543.921	543.784	543.815	543.739	543.728	---	---	28
29	---		543.962E	543.929	543.951	543.916	543.786	543.812	543.739	543.730	---	---	29
30	---		543.961E	543.945	543.939	543.906	543.788	543.811	543.748	543.736	---	---	30
31	---		543.963E		543.936		543.797	543.809		543.736		---	31
MEAN	---	---	543.958	543.937	543.930	543.936	543.838	543.800	543.761	543.725	---	---	MEAN
MAX	---	---	543.997	543.962	543.951	543.955	543.903	543.822	543.798	543.747	---	---	MAX
MIN	---	---	543.943	543.911	543.913	543.906	543.784	543.778	543.730	543.717	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 45 N
LONG 101 41 28 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - SUBTRACT 1.027 m FROM DATA PUBLISHED PRIOR TO 1980 TO CONVERT TO PRESENT DATUM

MORIN CREEK NEAR MEADOW LAKE - STATION NO. 06AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.318B	0.088	0.012	0	0	0	0	---	---	1
2	---	---	0 B	0.327B	0.071	0.005	0	0	0	0	---	---	2
3	---	---	0 B	0.315B	0.054	0.001	0	0	0	0	---	---	3
4	---	---	0 B	0.284B	0.039	0	0	0	0	0	---	---	4
5	---	---	0 B	0.259B	0.034	0	0	0	0	0	---	---	5
6	---	---	0 B	0.248B	0.046	0	0	0	0	0	---	---	6
7	---	---	0 B	0.224B	0.050	0	0	0	0	0	---	---	7
8	---	---	0 B	0.190B	0.053	0	0	0	0	0	---	---	8
9	---	---	0 B	0.153B	0.049	0	0	0	0	0	---	---	9
10	---	---	0 B	0.120B	0.050	0	0	0	0	0	---	---	10
11	---	---	0 B	0.092	0.046	0	0	0	0	0	---	---	11
12	---	---	0 B	0.072	0.040	0	0	0	0	0	---	---	12
13	---	---	0 B	0.057	0.038	0	0	0	0	0	---	---	13
14	---	---	0 B	0.050	0.041	0	0	0	0	0	---	---	14
15	---	---	0 B	0.054	0.040	0	0	0	0	0	---	---	15
16	---	---	0 B	0.063	0.037	0	0	0	0	0	---	---	16
17	---	---	0 B	0.073	0.036	0	0	0	0	0	---	---	17
18	---	---	0 B	0.094	0.038	0	0	0	0	0	---	---	18
19	---	---	0 B	0.121	0.042	0	0	0	0	0	---	---	19
20	---	---	0 B	0.155	0.044	0	0	0	0	0	---	---	20
21	---	---	0 B	0.188	0.045	0	0	0	0	0	---	---	21
22	---	---	0.005B	0.202	0.044	0	0	0	0	0	---	---	22
23	---	---	0.050B	0.199	0.041	0	0	0	0	0	---	---	23
24	---	---	0.102B	0.186	0.104	0	0	0	0	0	---	---	24
25	---	---	0.080B	0.166	0.046	0	0	0	0	0	---	---	25
26	---	---	0.024B	0.143	0.038	0	0	0	0	0	---	---	26
27	---	---	0.018B	0.118	0.053	0	0	0	0	0	---	---	27
28	---	---	0.007B	0.105	0.043	0	0	0	0	0	---	---	28
29	---		0.021B	0.110	0.039	0	0	0	0	0	---	---	29
30	---		0.048B	0.101	0.030	0	0	0	0	0	---	---	30
31	---		0.224B		0.020		0	0		0		---	31
TOTAL	---	---	0.579	4.787	1.439	0.018	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.019	0.160	0.046	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.224	0.327	0.104	0.012	0	0	0	0	---	---	MAX
MIN	---	---	0	0.050	0.020	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.327B ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.328B AT 08:50 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 09 55 N
LONG 108 34 38 W
DRAINAGE AREA, 164 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	50.0	SEP	0
APR	414	OCT	0
MAY	124	NOV	---
JUN	1.56	DEC	---

TOTAL DISCHARGE, 590 dam³

MOSQUITO CREEK NEAR PAMBRUN - STATION NO. 05JB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.052B	0.002	0	0	0	0	0	0	---	---	1
2	---	---	0.041B	0.006	0	0	0	0	0	0	---	---	2
3	---	---	0.038B	0.005	0	0	0	0	0	0	---	---	3
4	---	---	0.027B	0.002	0	0	0	0	0	0	---	---	4
5	---	---	0.027B	0	0	0	0	0	0	0	---	---	5
6	---	---	0.022B	0	0	0	0	0	0	0	---	---	6
7	---	---	0.015B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.013B	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0.010B	0.007	0	0	0	0	0	0	---	---	9
10	---	---	0.008B	0.004	0	0	0	0	0	0	---	---	10
11	---	---	0.005B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0.007B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.004B	0	0	0	0.005	0	0	0	---	---	13
14	---	---	0.004B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.004B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.004B	0	0	0	0	0	0	0	---	---	16
17	---	2.86 B	0.005B	0	0	0	0	0	0	0	---	---	17
18	---	2.20 B	0.005B	0	0	0	0	0	0	0	---	---	18
19	---	0.878B	0.002B	0	0	0	0.001	0	0	0	---	---	19
20	---	0.724B	0.001B	0	0	0	0	0	0	0	---	---	20
21	---	0.587B	0 B	0	0	0	0	0	0	0	---	---	21
22	---	0.378B	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0.389B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0.260B	0	0	0	0	0	0	0	0	---	---	24
25	---	0.230B	0	0	0	0	0	0	0	0	---	---	25
26	---	0.143B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.114B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.086B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.294	0.029	0	0	0.006	0	0	0	---	---	TOTAL
MEAN	---	---	0.009	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.052	0.007	0	0	0.005	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.052B ON MAR 1
MINIMUM DAILY, 0B ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 107 26 13 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	---	AUG	0
MAR	25.4	SEP	0
APR	2.51	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 28.4 dam³

REMARKS - SOME RUNOFF OCCURRED BEFORE FEB 17

MUDDY LAKE INFLOW NEAR REVENUE - STATION NO. 05GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.047	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.039	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.022	0	0	0	0	0	0	0	---	3
4	---	---	0 B	0.012	0	0	0	0	0	0	0	---	4
5	---	---	0 B	0.006	0	0	0	0	0	0	0	---	5
6	---	---	0 B	0.006	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.003	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.009B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.061	0	0	0	0	0	0	0	---	---	14
15	---	---	0.046	0	0	0	0	0	0	0	---	---	15
16	---	---	0.026	0	0	0	0	0	0	0	---	---	16
17	---	---	0.015	0	0	0	0	0	0	0	---	---	17
18	---	---	0.026	0	0	0	0	0	0	0	---	---	18
19	---	---	0.084	0	0	0	0	0	0	0	---	---	19
20	---	---	0.060	0	0	0	0	0	0	0	---	---	20
21	---	---	0.098	0	0	0	0	0	0	0	---	---	21
22	---	---	0.032	0	0	0	0	0	0	0	---	---	22
23	---	---	0.023	0	0	0	0	0	0	0	---	---	23
24	---	---	0.027	0	0	0	0	0	0	0	---	---	24
25	---	---	0.038	0	0	0	0	0	0	0	---	---	25
26	---	---	0.078	0	0	0	0	0	0	0	---	---	26
27	---	---	0.134	0	0	0	0	0	0	0	---	---	27
28	---	---	0.323	0	0	0	0	0	0	0	---	---	28
29	---		0.401	0	0	0	0	0	0	0	---	---	29
30	---		0.128	0	0	0	0	0	0	0	---	---	30
31	---		0.071	0			0	0		0		---	31
TOTAL	---	---	1.680	0.136	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.054	0.005	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.401	0.047	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.401 ON MAR 29
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.744 AT 01:47 CST ON MAR 29

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 109 02 13 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	145	SEP	0
APR	11.8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 157 dam³

MUDJATIK RIVER NEAR FORCIER LAKE - STATION NO. 06BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0B	12.6B	12.6B	14.7B	32.9	30.9	20.7	15.5	11.7	10.6	12.4 B	11.7 B	1
2	12.0B	12.7B	12.6B	14.7B	32.9	30.1	20.4	15.1	11.5	10.7	12.1 B	11.7 B	2
3	12.0B	12.8B	12.8B	14.6B	32.9	29.5	20.0	14.9	11.4	10.8	11.4 B	11.8 B	3
4	12.0B	12.9B	12.8B	14.7B	33.3	28.7	19.5	14.9	11.3	10.9	10.5 B	11.5 B	4
5	12.0B	12.8B	12.9B	15.1B	33.9	28.4	19.1	15.1	11.1	10.9	9.96B	11.2 B	5
6	12.0B	12.8B	13.0B	15.4B	34.5	28.0	18.8	14.9	11.0	11.0	9.65B	11.1 B	6
7	12.0B	12.7B	13.0B	15.6B	35.1	27.6	18.7	14.5	10.9	11.0	8.94B	10.9 B	7
8	12.0B	12.6B	13.0B	15.5B	35.5	28.6	19.7	14.1	10.8	10.9	8.98B	10.6 B	8
9	12.0B	12.6B	13.0B	16.0B	35.8	29.0	21.4	13.8	10.6	11.0	10.0 B	10.2 B	9
10	12.0B	12.7B	13.0B	15.8B	36.3	29.0	22.4	13.6	10.4	11.1	8.50B	10.1 B	10
11	12.0B	12.8B	13.1B	15.9B	36.6	28.9	22.8	13.2	10.3	11.2	7.60B	10.2 B	11
12	12.0B	12.7B	13.2B	16.4B	36.8	28.1	22.7	13.0	10.3	11.4	9.37B	9.86B	12
13	12.0B	12.7B	13.3B	16.7B	37.2	27.3	22.1	12.8	10.3	11.5	9.79B	9.66B	13
14	12.0B	12.5B	13.5B	16.2B	37.2	26.7	21.2	12.7	10.2	11.7	9.80B	9.56B	14
15	12.0B	12.3B	13.7B	16.1B	37.2	26.2	20.6	12.5	10.3	11.8	9.74B	9.46B	15
16	12.0B	12.0B	13.8B	16.7B	37.1	25.8	20.1	12.3	10.3	11.9	9.77B	9.30B	16
17	12.0B	11.7B	14.0B	17.6B	37.0	25.0	19.4	12.1	10.1	11.8	10.2 B	9.32B	17
18	12.0B	11.6B	14.2B	18.4B	37.1	24.3	19.0	12.0	9.95	11.8	10.3 B	9.27B	18
19	12.0B	11.5B	14.3B	18.9B	36.8	24.3	18.7	12.0	9.87	11.8	10.3 B	9.27B	19
20	12.0B	11.7B	14.2B	19.5B	36.7	24.2	18.2	11.7	9.84	11.9	10.5 B	9.22B	20
21	12.0B	11.9B	14.3B	20.5B	36.4	24.1	17.7	11.5	9.78	11.9 B	10.9 B	9.14B	21
22	12.1B	12.2B	14.2B	22.1B	36.2	24.0	17.5	11.6	9.79	12.0 B	11.3 B	9.11B	22
23	12.2B	12.5B	14.2B	24.0B	35.8	23.6	17.2	11.7	9.95	7.33B	11.4 B	9.03B	23
24	12.2B	12.6B	14.2B	25.5B	35.4	23.2	17.1	11.8	10.1	7.43B	11.1 B	9.03B	24
25	12.3B	12.7B	14.1B	27.0B	34.8	23.0	17.1	12.7	10.2	9.63B	10.6 B	8.97B	25
26	12.3B	12.6B	14.1B	34.5B	34.3	22.9	16.9	12.0	10.2	12.2 B	11.0 B	8.86B	26
27	12.4B	12.7B	14.2B	34.7B	33.8	22.5	16.4	11.9	10.2	12.5 B	11.3 B	8.82B	27
28	12.4B	12.6B	14.4B	34.9B	33.4	22.0	16.2	11.7	10.2	12.8 B	11.6 B	8.86B	28
29	12.4B		14.7B	33.4B	33.0	21.6	15.8	11.5	10.4	13.0 B	12.0 B	8.88B	29
30	12.5B		14.9B	33.7B	32.0	21.0	15.8	11.4	10.5	12.7 B	12.1 B	8.84B	30
31	12.5B		14.8B		31.4		15.6	11.6		12.6 B		8.80B	31
TOTAL	375.3	348.5	424.1	614.8	1 089.3	778.5	588.8	400.1	313.48	349.79	313.10	304.26	TOTAL
MEAN	12.1	12.4	13.7	20.5	35.1	26.0	19.0	12.9	10.4	11.3	10.4	9.81	MEAN
MAX	12.5	12.9	14.9	34.9	37.2	30.9	22.8	15.5	11.7	13.0	12.4	11.8	MAX
MIN	12.0	11.5	12.6	14.6	31.4	21.0	15.6	11.4	9.78	7.33	7.60	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.2
MAXIMUM DAILY, 37.2 ON MAY 13
MINIMUM DAILY, 7.33B ON OCT 23
MAXIMUM INSTANTANEOUS,
37.3 AT 18.58 CST ON MAY 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 30 N
LONG 107 35 30 W
DRAINAGE AREA, 5 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 400	JUL	50 900
FEB	30 100	AUG	34 600
MAR	36 600	SEP	27 100
APR	53 100	OCT	30 200
MAY	94 100	NOV	27 100
JUN	67 300	DEC	26 300

TOTAL DISCHARGE, 510 000 dam³

NASHLYN CANAL NEAR CONSUL - STATION NO. 11AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.344	0.247	0.003	0	0	0	0	---	---	1
2	---	---	0	0.304	0.136	0.005	0	0	0	0	---	---	2
3	---	---	0	0.279	0.130	0.002	0	0	0	0	---	---	3
4	---	---	0	0.297	0.132	0.002	0	0	0	0	---	---	4
5	---	---	0	0.329	0.190	0.002	0	0	0	0	---	---	5
6	---	---	0	0.329	0.536	0.001	0	0	0	0	---	---	6
7	---	---	0	0.289	0.638	0.001	0	0	0	0	---	---	7
8	---	---	0	0.258	0.902	0	0	0	0	0	---	---	8
9	---	---	0	0.241	0.935	0	0	0	0	0	---	---	9
10	---	---	0	0.216	0.870	0	0	0	0	0	---	---	10
11	---	---	0.437	0.163	0.493	0	0	0	0	0	---	---	11
12	---	---	0.515	0.126	0.317	0	0	0	0	0	---	---	12
13	---	---	0.579	0.123	0.313	0	0	0	0	0	---	---	13
14	---	---	0.617	0.122	0.319	0	0	0	0	0	---	---	14
15	---	---	0.587	0.108	0.325	0	0	0	0	0	---	---	15
16	---	---	0.619	0.103	0.378	0	0	0	0	0	---	---	16
17	---	---	0.632	0.096	0.564	0	0	0	0	0	---	---	17
18	---	---	0.623	0.094	0.035	0	0	0	0	0	---	---	18
19	---	---	0.637	0.095	0.002	0	0	0	0	0	---	---	19
20	---	---	0.608	0.100	0	0	0	0	0	0	---	---	20
21	---	---	0.533A	0.023	0	0	0	0	0	0	---	---	21
22	---	---	0.289E	0.003	0	0	0	0	0	0	---	---	22
23	---	---	0.278E	0	0.001	0	0	0	0	0	---	---	23
24	---	---	0.321A	0	0.001	0	0	0	0	0	---	---	24
25	---	---	0.418	0.002	0	0	0	0	0	0	---	---	25
26	---	---	0.386	0.163	0.358	0	0	0	0	0	---	---	26
27	---	---	0.412	0.250	0.647	0	0	0	0	0	---	---	27
28	---	---	0.400	0.772	0.816	0	0	0	0	0	---	---	28
29	---		0.310	0.936	0.839	0	0	0	0	0	---	---	29
30	---		0.326	0.335	0.699	0	0	0	0	0	---	---	30
31	---		0.361		0.087		0	0		0		---	31
TOTAL	---	---	9.888	6.500	10.910	0.016	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.319	0.217	0.352	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.637	0.936	0.935	0.005	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.111
MAXIMUM DAILY, 0.936 ON APR 29
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 50 N
LONG 109 33 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	854	SEP	0
APR	562	OCT	0
MAY	943	NOV	---
JUN	1.38	DEC	---

TOTAL DISCHARGE, 2 360 dam³

NEMEIBEN LAKE NEAR LA RONGE - STATION NO. 06CB003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	370.489	370.516E	370.465	370.389	---	---	---	---	1
2	---	---	---	---	370.489E	370.508	370.465	370.389	---	---	---	---	2
3	---	---	---	---	370.489	370.507	370.463	370.377	---	---	---	---	3
4	---	---	---	---	370.489	370.505	370.445	370.389	---	---	---	---	4
5	---	---	---	---	370.495	370.505	370.444E	370.384E	---	---	---	---	5
6	---	---	---	---	370.495	370.506E	370.444E	370.379E	---	---	---	---	6
7	---	---	---	---	370.501	370.508E	370.443E	370.373E	---	---	---	---	7
8	---	---	---	---	370.505	370.509	370.443E	370.368	---	---	---	---	8
9	---	---	---	---	370.506	370.509	370.442	370.366	---	---	---	---	9
10	---	---	---	---	370.511	370.508E	370.442	370.350	---	---	---	---	10
11	---	---	---	---	370.515	370.508	370.441E	370.360	---	---	---	---	11
12	---	---	---	---	370.517	370.503E	370.440	370.346	---	---	---	---	12
13	370.398	---	---	---	370.521	370.499	370.440	370.344	---	---	---	---	13
14	---	---	---	---	370.525	370.492	370.430	370.338	---	---	---	---	14
15	---	---	---	---	370.527	370.489	370.433	370.329	---	---	---	---	15
16	---	---	---	---	370.527E	370.490E	370.427	370.326E	---	---	---	---	16
17	---	---	---	---	370.528E	370.490	370.429	370.323	---	---	---	---	17
18	---	---	---	---	370.528E	370.495	370.423	370.328	---	---	---	---	18
19	---	---	---	---	370.528E	370.497	370.427	370.318E	---	---	---	---	19
20	---	---	---	---	370.528E	370.491	370.411	370.317	---	---	---	---	20
21	---	---	---	---	370.529E	370.491E	370.405	370.307	---	---	---	---	21
22	---	---	---	---	370.529	370.490	370.397	370.309	---	---	---	---	22
23	---	---	---	---	370.527	370.488	370.412	370.306E	---	---	---	---	23
24	---	---	---	---	370.527	370.496	370.411E	370.304E	---	---	---	---	24
25	---	---	---	---	370.526	370.494	370.410	370.301E	---	---	---	---	25
26	---	---	---	---	370.525	370.494	370.406	370.298E	---	---	---	---	26
27	---	---	---	---	370.525	370.494	370.400	370.296E	---	---	---	---	27
28	---	---	---	---	370.526	370.482	370.400	370.293	---	---	---	---	28
29	---		---	---	370.525	370.480	370.398E	370.289	---	370.241	---	---	29
30	---		---	---	370.525	370.471	370.395	370.291E	---	---	---	---	30
31	---		---		370.524		370.391	370.293		---		---	31
MEAN	---	---	---	---	370.516	370.497	370.427	370.335	---	---	---	---	MEAN
MAX	---	---	---	---	370.529	370.516	370.465	370.389	---	---	---	---	MAX
MIN	---	---	---	---	370.489	370.471	370.391	370.289	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 370.529E ON MAY 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 38 N
LONG 105 22 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWTON LAKE - STATION NO. 11AC056

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	801.843	802.684	802.205	801.073	800.223	800.245	799.894	799.747	799.747E	---	1
2	---	---	802.012	802.688	802.150	801.038	800.223	800.237	799.889	799.743	799.750A	---	2
3	---	---	802.154	802.693	802.093	801.003	800.220	800.234	799.883	799.738	---	---	3
4	---	---	802.275	802.696	802.040	800.969	800.220	800.226	799.877	799.725	---	---	4
5	---	---	802.394	802.694	801.987	800.917	800.219	800.221	799.871	799.717	---	---	5
6	---	---	802.469	802.697	801.944	800.852	800.207	800.209	799.865	799.707	---	---	6
7	---	---	802.486	802.697	801.905	800.790	800.137	800.205	799.856	799.696	---	---	7
8	---	---	802.498	802.695	801.871	800.727	800.052	800.187	799.845	799.691	---	---	8
9	---	---	802.509	802.694	801.808	800.665	799.965	800.173	799.834A	799.679	---	---	9
10	---	---	802.516	802.693	801.778	800.600	799.870	800.164	799.823E	799.664	---	---	10
11	---	---	802.527	802.694	801.733	800.543	799.777	800.151	799.812E	799.661	---	---	11
12	---	---	802.533	802.696	801.684	800.483	799.688	800.137	799.800E	799.710	---	---	12
13	---	---	802.542	802.696	801.637	800.434E	799.622	800.125	799.789E	799.702	---	---	13
14	---	---	802.558	802.695	801.584	800.382E	799.555	800.107	799.778E	799.705	---	---	14
15	---	---	802.566	802.697	801.527	800.332E	799.486E	800.091	799.767E	799.699	---	---	15
16	---	---	802.574	802.700	801.507	800.280E	799.519E	800.073	799.757A	799.677A	---	---	16
17	---	---	802.582	802.699	801.488	800.241E	799.659E	800.058	799.754	799.668E	---	---	17
18	---	---	802.597	802.698	801.462	800.239A	799.801E	800.042	799.749	799.661E	---	---	18
19	---	---	802.600	802.690	801.437	800.235E	799.942E	800.029	799.740	799.657A	---	---	19
20	---	---	802.601	802.683	801.421	800.231E	800.080A	800.020	799.727	799.655E	---	---	20
21	---	---	802.601	802.662	801.402	800.226E	800.185	800.011	799.718	799.654E	---	---	21
22	---	---	802.609	802.631	801.389	800.222E	800.262	800.004	799.713	799.654E	---	---	22
23	---	---	802.617	802.598	801.376	800.219E	800.338	799.996	799.712	799.654E	---	---	23
24	---	801.261A	802.624	802.566	801.360	800.216E	800.400	799.987	799.713	799.657A	---	---	24
25	---	801.332	802.625	802.532	801.343	800.214A	800.419	799.977	799.718	799.677E	---	---	25
26	---	801.445	802.630	e02.501	801.311	800.215	800.409	799.962	799.725	799.699E	---	---	26
27	---	801.562	802.639	802.459	801.274	800.217	800.371	799.950	799.728	799.719E	---	---	27
28	---	801.683	802.649	802.401	801.235	800.225	800.325A	799.939	799.736	799.739A	---	---	28
29	---		802.657	802.324	801.194	800.224	800.275	799.932	799.743	799.745E	---	---	29
30	---		802.668	802.262	801.141	800.222	800.285	799.917	799.748	799.746E	---	---	30
31	---		802.679		801.090		800.281	799.904		799.744E		---	31
MEAN	---	---	802.511	802.627	801.593	800.474	800.065	800.081	799.785	799.696	---	---	MEAN
MAX	---	---	802.679	802.700	802.205	801.073	800.419	800.245	799.894	799.747	---	---	MAX
MIN	---	---	801.843	802.262	801.090	800.214	799.486	799.904	799.712	799.654	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 802.700 ON APR 16

MAXIMUM INSTANTANEOUS,
802.721 AT 13:00 CST ON APR 6

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 12 N
LONG 107 48 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM
APPLY -000.052 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

NEWTON LAKE MAIN CANAL - STATION NO. 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	2.53	0.174	0	0	0	0	---	---	1
2	---	---	0	0	2.51	0	0	0	0	0	---	---	2
3	---	---	0	0	2.47	0	0	0	0	0	---	---	3
4	---	---	0	0	2.48	0	0	0	0	0	---	---	4
5	---	---	0	0	2.50	0	0	0	0	0	---	---	5
6	---	---	0	0	2.47	0	0	0	0	0	---	---	6
7	---	---	0	0	2.45	0	0	0	0	0	---	---	7
8	---	---	0	0	2.58	0	0	0	0	0	---	---	8
9	---	---	0	0	2.63	0	0	0	0	0	---	---	9
10	---	---	0	0	2.60	0	0	0	0	0	---	---	10
11	---	---	0	0	2.55	0	0	0	0	0	---	---	11
12	---	---	0	0	2.51	0	0	0	0	0	---	---	12
13	---	---	0	0	2.47	0	0	0	0	0	---	---	13
14	---	---	0	0	2.43	0	0	0	0	0	---	---	14
15	---	---	0	0	2.12	0	0	0	0	0	---	---	15
16	---	---	0	0	1.76	0	0	0	0	0	---	---	16
17	---	---	0	0	1.68	0	0	0	0	0	---	---	17
18	---	---	0	0	1.66	0	0	0	0	0	---	---	18
19	---	---	0	0	1.36	0	0	0	0	0	---	---	19
20	---	---	0	0	1.16	0	0	0	0	0	---	---	20
21	---	---	0	0	1.13	0	0	0	0	0	---	---	21
22	---	---	0	0	0.909	0	0	0	0	0	---	---	22
23	---	---	0	0	0.850	0	0	0	0	0	---	---	23
24	---	---	0	0	0.829	0	0	0	0	0	---	---	24
25	---	---	0	0	0.654	0	0	0	0	0	---	---	25
26	---	---	0	0	0.592	0	0	0	0	0	---	---	26
27	---	---	0	0.570	0.361	0	0	0	0	0	---	---	27
28	---	---	0	1.36	0.332	0	0	0	0	0	---	---	28
29	---		0	2.08	0.332	0	0	0	0	0	---	---	29
30	---		0	2.17	0.324	0	0	0	0	0	---	---	30
31	---		0		0.318		0	0		0		---	31
TOTAL	---	---	0	6.180	51.551	0.174	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.206	1.66	0.006	0	0	0	0	---	---	MEAN
MAX	---	---	0	2.17	2.63	0.174	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.318	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.236
MAXIMUM DAILY, 2.63 ON MAY 9
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 18 N
LONG 107 48 10 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	534	OCT	0
MAY	4 450	NOV	---
JUN	15.0	DEC	---

TOTAL DISCHARGE, 5 000 dam^3

NORBURY CREEK NEAR SPIRITWOOD - STATION NO. 06AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.638B	0.651	0	0	0	0	0	---	---	1
2	---	---	0 B	0.666B	0.515	0	0	0	0	0	---	---	2
3	---	---	0 B	0.712B	0.511	0	0	0	0	0	---	---	3
4	---	---	0 B	0.709B	0.540	0	0	0	0	0	---	---	4
5	---	---	0 B	0.633	0.493	0	0	0	0	0	---	---	5
6	---	---	0 B	0.522	0.475	0	0	0	0	0	---	---	6
7	---	---	0 B	0.474	0.443	0	0	0	0	0	---	---	7
8	---	---	0 B	0.436	0.327	0	0	0	0	0	---	---	8
9	---	---	0 B	0.376	0.261	0	0	0	0	0	---	---	9
10	---	---	0 B	0.328	0.210	0	0	0	0	0	---	---	10
11	---	---	0 B	0.296	0.170	0	0	0	0	0	---	---	11
12	---	---	0 B	0.334	0.163	0	0	0	0	0	---	---	12
13	---	---	0 B	0.357	0.151	0	0	0	0	0	---	---	13
14	---	---	0 B	0.475	0.126	0	0	0	0	0	---	---	14
15	---	---	0 B	0.583	0.105	0	0	0	0	0	---	---	15
16	---	---	0 B	0.625	0.090	0	0	0	0	0	---	---	16
17	---	---	0 B	1.28	0.079	0	0	0	0	0	---	---	17
18	---	---	0 B	1.38	0.068	0	0	0	0	0	---	---	18
19	---	---	0 B	1.62	0.054	0	0	0	0	0	---	---	19
20	---	---	0 B	1.88	0.042	0	0	0	0	0	---	---	20
21	---	---	0 B	1.83	0.031	0	0	0	0	0	---	---	21
22	---	---	0 B	1.61	0.020	0	0	0	0	0	---	---	22
23	---	---	0 B	1.32	0.011	0	0	0	0	0	---	---	23
24	---	---	0 B	1.02	0.003	0	0	0	0	0	---	---	24
25	---	---	0 B	0.828	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0.747	0	0	0	0	0	0	---	---	26
27	---	---	0.001B	0.701	0	0	0	0	0	0	---	---	27
28	---	---	0.014B	0.636	0	0	0	0	0	0	---	---	28
29	---		0.039B	0.762	0	0	0	0	0	0	---	---	29
30	---		0.127B	0.798	0	0	0	0	0	0	---	---	30
31	---		0.445B		0		0	0		0		---	31
TOTAL	---	---	0.626	24.576	5.539	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.020	0.819	0.179	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.445	1.88	0.651	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.296	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.125
MAXIMUM DAILY, 1.88 ON APR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.90 AT 21:19 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 17 N
LONG 107 28 01 W
DRAINAGE AREA, 432 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - DATA PREVIOUSLY PUBLISHED UNDER THE NAME "UNNAMED CREEK NEAR SPIRITWOOD"

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	54.1	SEP	0
APR	2 120	OCT	0
MAY	479	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 650 dam³

NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT - STATION NO. 05GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	136B	117 B	109 B	198B	253	646	205	1 080	318	225E	180B	171B	1
2	131B	119 B	99.6B	194B	281	612	200	1 150	310	222E	178B	163B	2
3	124B	120 B	95.2B	200B	264	589	201	981	305	210E	172	147B	3
4	115B	122 B	95.7B	213B	256	583	196	819	313	195E	175	131B	4
5	111B	124 B	99.5B	227B	246	563	188	739	305	178E	178	170B	5
6	109B	124 B	103 B	276B	236	513	177	801	295	184E	179	175B	6
7	106B	123 B	104 B	270B	234	462	172	1 000	289	189A	180	171B	7
8	106B	126 B	104 B	255B	220	434	181	1 060	283	176A	178	158B	8
9	110B	121 B	102 B	391B	212	449	191	968	281	179	178	145B	9
10	117B	110 B	101 B	417B	202	474	183	864	283	172	173	137B	10
11	125B	104 B	97.0B	396B	183	477	170	797	287	167	163	142B	11
12	126B	104 B	93.6B	331B	212	466	162	737	288	167	164	153B	12
13	123B	109 B	93.7B	336B	247	434	175	684	280	170	167	152B	13
14	123B	114 B	93.1B	322B	262	401	192	626	281	163	174	148B	14
15	125B	113 B	91.0B	295B	288	373	195	563	277	157	178	146B	15
16	129B	109 B	90.0B	275B	402	347	202	503	268	170	180	145B	16
17	130B	101 B	89.3B	296B	460	334	199	472	261	190	183B	143B	17
18	128B	92.6B	88.6B	338B	462	336	206	442	248	187	194B	140B	18
19	124B	86.4B	88.4B	360B	457	333	207	413	238	182	190B	138B	19
20	123B	88.1B	90.1B	346B	443	325	196	405	228	188	193B	137B	20
21	123B	96.8B	92.9B	296B	437	313	183	398	223	213	183B	134B	21
22	125B	99.1B	95.7B	280E	428	311	178	382	219	215	181B	137B	22
23	126B	97.9B	98.2B	270A	432	318	549	378	207	196	177B	147B	23
24	128B	97.4B	103 B	278	490	314	871	379	197	170B	175B	151B	24
25	129B	100 B	113 B	275	513	317	806	367	211	168B	148B	149B	25
26	129B	109 B	129 B	268	481	300	699	347	222	178B	168B	145B	26
27	125B	117 B	162 B	260	472	273	629	344	216	175B	178B	144B	27
28	121B	116 B	217 B	253	495	254	575	349	215	169B	177B	147B	28
29	118B		245 B	249	525	239	545	335	214A	166B	183B	160B	29
30	116B		237 B	242	570	220	577	318	219E	165B	186B	165B	30
31	115B		213 B		638		773	315		171B		159B	31
TOTAL	3 776	3 060.3	3 633.6	8 607	11 299	12 010	10 183	19 016	7 781	5 657	5 313	4 650	TOTAL
MEAN	122	109	117	287	364	400	328	613	259	182	177	150	MEAN
MAX	136	126	245	417	638	646	871	1 150	318	225	194	175	MAX
MIN	106	86.4	88.4	194	183	220	162	315	197	157	148	131	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 260
MAXIMUM DAILY, 1 150 ON AUG 2
MINIMUM DAILY, 86.4B ON FEB 19
MAXIMUM INSTANTANEOUS,
1 170 AT 04:33 CST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 10 N
LONG 105 46 06 W
DRAINAGE AREA, 131 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	326 000	JUL	880 000
FEB	264 000	AUG	640 000
MAR	314 000	SEP	672 000
APR	744 000	OCT	489 000
MAY	976 000	NOV	459 000
JUN	1 040 000	DEC	402 000

TOTAL DISCHARGE, 8 210 000 dam³

NORTH SASKATCHEWAN RIVER NEAR DEER CREEK - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.7B	113 B	98.7B	226B	177	528	147	707	272	143E	169E	133B	1
2	84.3B	122 B	96.6B	241B	191	461	148	843	272	157E	170E	155B	2
3	94.6B	111 B	93.9B	255B	165	410	163	1 050	266	162E	168E	165B	3
4	106 B	101 B	92.2B	268B	162	408	170	1 050	266	164E	163A	137B	4
5	116 B	95.4B	84.7B	283B	145	445	155	937	268	165E	162	132B	5
6	118 B	99.2B	85.3B	282B	115	464	139	835	274	167E	156	125B	6
7	112 B	109 B	85.7B	272B	194	462	140	782	277	170E	153	132B	7
8	112 B	114 B	82.3B	259B	217	441	173	723	267	160E	154	132B	8
9	116 B	112 B	81.3B	252B	231	400	168	669	271	156E	159	125B	9
10	120 B	107 B	81.0B	249B	241	368	182	614	266	160E	169	125B	10
11	122 B	92.8B	79.8B	224B	368	337	175	536	253	182E	165	129B	11
12	120 B	82.7B	81.3B	246B	431	310	165	489	247	175E	176	137B	12
13	117 B	72.3B	82.9B	231B	428	321	187	463	233	170E	187	125B	13
14	116 B	82.4B	84.4B	225B	426	319	175	421	228	177E	187	127B	14
15	118 B	95.9B	90.4B	219B	421	310	165	389	209	194E	176	143B	15
16	120 B	95.1B	93.5B	211B	409	299	156	399	214	199E	184	148B	16
17	123 B	93.7B	101 B	203B	400	281	154	381	205	185E	170	150B	17
18	121 B	93.1B	127 B	196	394	303	317	367	190	170E	165	144B	18
19	117 B	97.6B	157 B	223	433	298	957	377	173	175E	176B	139B	19
20	112 B	113 B	174 B	220	512	305	893	372	206	183E	160B	141B	20
21	106 B	118 B	181 B	214	474	284	740	349	216	170E	169B	132B	21
22	104 B	112 B	183 B	208	436	260	656	333	203	155E	171B	157B	22
23	104 B	97.6B	184 B	199	472	233	591	350	206	160E	160B	165B	23
24	102 B	87.9B	165 B	188	492	218	553	338	201A	163E	167B	155B	24
25	102 B	86.9B	149 B	180	511	192	538	315	208E	165E	159B	154B	25
26	109 B	90.0B	152 B	187	601	179	622	306	218E	160E	162B	158B	26
27	110 B	96.1B	158 B	244	639	174	878	308	229E	158E	147B	155B	27
28	110 B	97.9B	163 B	211	624	179	1 150	302	210E	162E	152B	143B	28
29	112 B		185 B	200	582	169	1 110	289	180E	163E	117B	134B	29
30	116 B		217 B	191	572	157	937	292	160E	165E	117B	126B	30
31	116 B		230 B		571		758	287		167E		120B	31
TOTAL	3 436.6	2 788.6	3 920.0	6 807	12 034	9 515	13 462	15 873	6 888	5 202	4 890	4 343	TOTAL
MEAN	111	99.6	126	227	388	317	434	512	230	168	163	140	MEAN
MAX	123	122	230	283	639	528	1 150	1 050	277	199	187	165	MAX
MIN	80.7	72.3	79.8	180	115	157	139	287	160	143	117	120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 244
MAXIMUM DAILY, 1 150 ON JUL 28
MINIMUM DAILY, 72.3B ON FEB 13
MAXIMUM INSTANTANEOUS,
1 180 AT 22:48 CST ON JUL 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 00 N
LONG 109 36 40 W
DRAINAGE AREA, 57 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	297 000	JUL	1 160 000
FEB	241 000	AUG	1 370 000
MAR	339 000	SEP	595 000
APR	588 000	OCT	449 000
MAY	1 040 000	NOV	422 000
JUN	822 000	DEC	375 000

TOTAL DISCHARGE, 7 700 000 dam³

NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR - STATION NO. 05JB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.049B	0.025	0	0.200E	0.004	0	0	0	0	---	1
2	---	0 B	0.046B	0.018	0	0.081A	0.003	0	0	0	0.002	---	2
3	---	0 B	0.043B	0.018	0	0.038	0.002	0	0	0	0.002	---	3
4	---	0 B	0.043B	0.019	0	0.026	0.002	0	0	0	0.002A	---	4
5	---	0 B	0.041B	0.016	0 A	0.017	0.001	0	0	0	---	---	5
6	---	0 B	0.030B	0.021	0 E	0.012	0.001	0	0	0	---	---	6
7	---	0 B	0.023B	0.017	0 E	0.009	0.001	0	0	0	---	---	7
8	---	0 B	0.023B	0.018	0 E	0.008	0	0	0	0	---	---	8
9	---	0 B	0.033B	0.013	0 E	0.010	0	0	0	0	---	---	9
10	---	0 B	0.030	0.009	0 E	0.021	0	0	0	0	---	---	10
11	---	0 B	0.036	0.007	0 A	0.012	0	0	0	0	---	---	11
12	---	0 B	0.031	0.008	0	0.008	0	0	0	0	---	---	12
13	---	0 B	0.024	0.007	0	0.038	0.040	0	0	0	---	---	13
14	---	0.030B	0.024	0.006	0	0.670	0.117	0	0	0	---	---	14
15	---	0.100B	0.024	0.006	0	0.222	0.018	0	0	0	---	---	15
16	---	0.280B	0.026	0.005	0	0.327	0.009	0	0	0	---	---	16
17	---	0.500B	0.028	0.004	0.020A	0.256	0.006	0	0	0	---	---	17
18	---	0.316B	0.023	0.003	0.006E	0.177	0.004	0	0	0	---	---	18
19	---	0.258B	0.017	0.003	0.004E	0.125	0.003	0	0	0	---	---	19
20	---	0.214B	0.015	0.002	0.003E	0.068	0.002	0	0	0	---	---	20
21	---	0.172B	0.011	0.003	0.003E	0.041	0.002	0	0	0	---	---	21
22	---	0.140B	0.008	0.002	0.002E	0.027	0.002	0	0	0	---	---	22
23	---	0.113B	0.010	0.002	0.002E	0.020	0.001	0	0	0	---	---	23
24	---	0.093B	0.016	0.002	0.002E	0.015	0.001	0	0	0	---	---	24
25	---	0.092B	0.015	0.002	0.002E	0.009	0.001	0	0	0	---	---	25
26	---	0.087B	0.015	0.001	0.001E	0.007	0.001	0	0	0	---	---	26
27	---	0.057B	0.016	0.001	0.001E	0.007	0	0	0	0	---	---	27
28	---	0.067B	0.018	0	0.001E	0.007	0	0	0	0	---	---	28
29	---		0.017	0	0.001E	0.006	0	0	0	0	---	---	29
30	---		0.038	0	0.001E	0.005	0	0	0	0	---	---	30
31	---		0.079		0.030E		0	0		0		---	31
TOTAL	---	2.519	0.852	0.238	0.079	2.469	0.221	0	0	0	---	---	TOTAL
MEAN	---	0.090	0.027	0.008	0.003	0.082	0.007	0	0	0	---	---	MEAN
MAX	---	0.500	0.079	0.025	0.030	0.670	0.117	0	0	0	---	---	MAX
MIN	---	0	0.008	0	0	0.005	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.016
MAXIMUM DAILY, 0.670 ON JUN 14
MINIMUM DAILY, 0 ON APR 28
MAXIMUM INSTANTANEOUS,
0.848 AT 12:48 CST ON JUN 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 108 07 31 W
DRAINAGE AREA, 453 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19.1
FEB	218	AUG	0
MAR	73.6	SEP	0
APR	20.6	OCT	0
MAY	6.83	NOV	---
JUN	213	DEC	---

TOTAL DISCHARGE, 333 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED PRIOR TO MAR 01

NOTUKEU CREEK NEAR VANGUARD - STATION NO. 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.464	0.311	0.093	0.012	0.063	0.067	0.032	0.004	0.046	---	1
2	---	---	0.356	0.402	0.089	0.007	0.060	0.036	0.023	0.002	0.046	---	2
3	---	---	0.248	0.429	0.083	0.002	0.059	0.042	0.017	0	0.045A	---	3
4	---	---	0.298	0.428	0.080	0.001	0.060	0.030	0.015	0	---	---	4
5	---	---	0.429	0.430	0.076	0	0.061	0.016	0.013	0	---	---	5
6	---	---	0.316	3.58	0.078	0	0.058	0.005	0.015	0	---	---	6
7	---	---	0.217	1.34 A	0.087	0	0.055	0.001	0.018	0	---	---	7
8	---	---	0.152	0.492	0.092	0.002	0.046	0	0.019	0	---	---	8
9	---	---	0.120	0.316	0.097	0.029	0.037	0	0.021	0	---	---	9
10	---	---	0.110	0.241	0.096	0.071	0.029	0	0.023	0	---	---	10
11	---	---	0.106	0.227	0.095	0.099	0.022	0	0.023	0	---	---	11
12	---	---	0.102	0.209	0.099	0.089	0.019	0	0.022	0	---	---	12
13	---	---	0.099	0.171	0.095	0.089	0.049	0	0.021	0	---	---	13
14	---	---	0.100	0.157	0.079	0.104	0.106	0	0.020	0.001	---	---	14
15	---	---	0.107	0.135	0.065	0.108	0.283	0	0.019	0.009	---	---	15
16	---	---	0.133	0.137	0.078	0.103	0.719	0	0.020	0.023	---	---	16
17	---	---	0.131	0.107	0.074	0.096	0.550	0	0.021	0.043	---	---	17
18	---	3.71 B	0.110	0.103	0.070	0.094	0.441	0	0.021	0.050	---	---	18
19	---	7.36 B	0.103	0.095	0.058	0.095	0.368	0.020	0.020	0.054	---	---	19
20	---	6.65 B	0.200	0.094	0.057	0.084	0.314	0.135	0.020	0.048	---	---	20
21	---	3.52	0.269	0.099	0.053	0.083	0.272	0.148	0.018	0.043	---	---	21
22	---	2.08	0.258	0.096	0.048	0.072	0.216	0.101	0.018	0.044	---	---	22
23	---	1.52	0.255	0.099	0.051	0.070	0.199	0.099	0.012	0.048	---	---	23
24	---	1.05	0.249	0.103	0.060	0.059	0.183	0.091	0.009	0.051	---	---	24
25	---	0.751	0.233	0.092	0.081	0.059	0.168	0.087	0.009	0.054	---	---	25
26	---	0.632	0.204	0.089	0.083	0.064	0.151	0.073	0.013	0.061	---	---	26
27	---	0.528	0.153	0.089	0.079	0.070	0.139	0.063	0.009	0.073	---	---	27
28	---	0.547	0.105	0.092	0.068	0.077	0.119	0.054	0.008	0.064	---	---	28
29	---		0.092	0.082	0.046	0.073	0.113	0.045	0.007	0.057	---	---	29
30	---		0.156	0.078	0.017	0.064	0.114	0.043	0.004	0.051	---	---	30
31	---		0.214		0.005		0.105	0.037		0.047		---	31
TOTAL	---	---	6.089	10.323	2.232	1.776	5.178	1.193	0.510	0.827	---	---	TOTAL
MEAN	---	---	0.196	0.344	0.072	0.059	0.167	0.038	0.017	0.027	---	---	MEAN
MAX	---	---	0.464	3.58	0.099	0.108	0.719	0.148	0.032	0.073	---	---	MAX
MIN	---	---	0.092	0.078	0.005	0	0.019	0	0.004	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.115
MAXIMUM DAILY, 3.58 ON APR 6
MINIMUM DAILY, 0 ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 03 N
LONG 107 11 08 W
DRAINAGE AREA, 3 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	447
FEB	---	AUG	103
MAR	526	SEP	44.1
APR	892	OCT	71.5
MAY	193	NOV	---
JUN	153	DEC	---

TOTAL DISCHARGE, 2 430 dam³

REMARKS - THE MAXIMUM DISCHARGE OCCURRED PRIOR TO MAR 01

OPUNTIA LAKE WEST INFLOW - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.001	0	0	0	0	0	0	0B	---	1
2	---	---	0 B	0.001	0	0	0	0	0	0	0B	---	2
3	---	---	0.001B	0.001	0	0	0	0	0	0.002	0B	---	3
4	---	---	0.001B	0	0	0	0	0	0	0.002	---	---	4
5	---	---	0.001B	0	0	0	0	0	0	0.002	---	---	5
6	---	---	0.001B	0.001	0	0.056	0	0	0	0.002	---	---	6
7	---	---	0.001B	0	0	0.690	0	0	0	0.002	---	---	7
8	---	---	0 B	0	0	0.005	0	0	0	0.002	---	---	8
9	---	---	0 B	0	0	0.001	0	0	0	0.002	---	---	9
10	---	---	0.001B	0	0	0	0	0	0	0.001	---	---	10
11	---	---	0.104B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.279B	0	0	0.002	0	0	0	0	---	---	12
13	---	---	0.305B	0	0	0.001	0	0	0	0	---	---	13
14	---	---	0.373B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.148	0	0	0	0	0	0	0	---	---	15
16	---	---	0.086	0	0	0.001	0	0	0	0	---	---	16
17	---	---	0.054	0	0	0	0	0	0	0	---	---	17
18	---	---	0.018	0	0	0	0	0	0	0	---	---	18
19	---	---	0.008	0	0	0	0	0	0	0	---	---	19
20	---	---	0.005	0	0	0	0	0	0	0	---	---	20
21	---	---	0.003B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.002B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.002B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.001B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.001B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.001B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.001	0	0	0	0	0	0	0	---	---	27
28	---	---	0.001	0	0	0	0	0	0	0	---	---	28
29	---		0.001	0	0.001	0	0	0	0	0	---	---	29
30	---		0.001	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0 B		---	31
TOTAL	---	---	1.401	0.004	0.001	0.756	0	0	0	0.015	---	---	TOTAL
MEAN	---	---	0.045	0	0	0.025	0	0	0	0	---	---	MEAN
MAX	---	---	0.373	0.001	0.001	0.690	0	0	0	0.002	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.690 ON JUN 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.65 AT 01:07 CST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 15 N
LONG 108 37 30 W
DRAINAGE AREA, 94.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	121	SEP	0
APR	0.35	OCT	1.30
MAY	0.09	NOV	---
JUN	65.3	DEC	---

TOTAL DISCHARGE, 188 dam³

OSCAR CREEK NEAR KRYDOR - STATION NO. 05GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.028B	0.183B	0.028	0.003	0.012	0.205	0.004	0	0.006	---	1
2	---	---	0.028B	0.181B	0.089	0.027	0.016	0.192	0.003	0	0.009	---	2
3	---	---	0.028B	0.110B	0.089	0.025	0.020	0.170	0.013	0	0.003	---	3
4	---	---	0.028B	0.066B	0.080	0.027	0.018	0.233	0.020	0	0.003	---	4
5	---	---	0.028B	0.078B	0.068	0.016	0.013	0.088	0.015	0	0.002A	---	5
6	---	---	0.028B	0.145B	0.057	0.014	0.013	0.066	0.006	0	---	---	6
7	---	---	0.028B	0.156B	0.038	0.060	0.023	0.072	0	0	---	---	7
8	---	---	0.029B	0.132	0.037	0.047	0.008	0.092	0	0	---	---	8
9	---	---	0.029B	0.109	0.024	0.047	0.038	0.092	0	0	---	---	9
10	---	---	0.030B	0.086	0.015	0.051	0.024	0.070	0	0.002	---	---	10
11	---	---	0.030B	0.081	0.019	0.051	0.011	0.030	0	0.004	---	---	11
12	---	---	0.030B	0.114	0.025	0.034	0.044	0.003	0	0.006	---	---	12
13	---	---	0.030B	0.121	0.025	0.033	0.027	0.002	0	0.008	---	---	13
14	---	---	0.030B	0.118	0.030	0.018	0.093	0.004	0	0.012	---	---	14
15	---	---	0.030B	0.120	0.030	0.025	0.134	0	0	0.012	---	---	15
16	---	---	0.030B	0.143	0.025	0.040	0.125	0	0	0.006	---	---	16
17	---	---	0.030B	0.161	0.020	0.050	0.117	0	0	0.003	---	---	17
18	---	---	0.030B	0.152	0.018	0.067	0.106	0.001	0	0.001	---	---	18
19	---	---	0.031B	0.123	0.018	0.030	0.109	0.002	0	0.001	---	---	19
20	---	---	0.031B	0.106	0.018	0.020	0.078	0	0	0.001	---	---	20
21	---	---	0.031B	0.084	0.020	0.025	0.063	0	0	0.018	---	---	21
22	---	---	0.031B	0.053	0.016	0.025	0.103	0	0	0.007	---	---	22
23	---	---	0.031B	0.051	0.012	0.015	0.105	0	0	0.003	---	---	23
24	---	---	0.031B	0.019	0.011	0.008	0.088	0	0	0.003	---	---	24
25	---	---	0.031B	0.050	0.032	0.003	0.098	0	0	0.001	---	---	25
26	---	---	0.032B	0.090	0.024	0.010	0.109	0	0.004	0	---	---	26
27	---	---	0.033B	0.070	0.024	0.018	0.093	0	0.014	0	---	---	27
28	---	---	0.034B	0.050	0.013	0.023	0.095	0	0.004	0	---	---	28
29	---		0.040B	0.107	0.007	0.025	0.093	0	0	0	---	---	29
30	---		0.068B	0.028	0.004	0.014	0.164	0	0	0.002	---	---	30
31	---		0.114B		0.007		0.151	0.002		0.004		---	31
TOTAL	---	---	1.062	3.087	0.923	0.851	2.191	1.324	0.083	0.090	---	---	TOTAL
MEAN	---	---	0.034	0.103	0.030	0.028	0.071	0.043	0.003	0.003	---	---	MEAN
MAX	---	---	0.114	0.183	0.089	0.067	0.164	0.233	0.020	0.014	---	---	MAX
MIN	---	---	0.028	0.019	0.004	0.003	0.008	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.039
MAXIMUM DAILY, 0.233 ON AUG 4
MINIMUM DAILY, 0 ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 27 N
LONG 107 07 41 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	189
FEB	---	AUG	114
MAR	91.8	SEP	7.17
APR	267	OCT	7.78
MAY	79.7	NOV	---
JUN	73.5	DEC	---

TOTAL DISCHARGE, 830 dam³

OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE - STATION NO. 07LE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.82	8.22	8.52	8.76	16.9	19.1	11.8	9.73	7.46	7.13	9.37	9.84	1
2	6.81	8.21	8.57	8.71	18.6	18.6	11.6	9.77	6.52	7.18	9.66	9.78	2
3	6.83	8.21	8.52	8.78	20.0	18.2	11.3	9.73	6.60	7.09	9.88	9.76	3
4	6.83	8.18	8.43	8.86	21.8	17.7	10.6	9.58	7.07	7.25	9.96	9.70	4
5	6.94	8.21	8.43	8.95	23.5	17.0	10.4	9.39	7.11	7.42	10.0	9.73	5
6	7.36	8.18	8.40	9.20	25.4	17.5	11.0	8.68	7.14	7.70	10.0	9.48	6
7	7.49	8.05	8.40	9.20	27.2	17.3	10.9	8.48	7.29	8.03	9.90	9.26	7
8	7.56	8.02	8.39	9.36	28.6	16.2	10.7	8.36	7.29	8.30	10.0	9.12	8
9	7.50	7.72	8.26	9.46	29.8	15.8	10.3	8.13	7.28	8.64	10.2	8.94	9
10	7.46	7.44	8.25	9.37	30.8	15.4	11.1	7.58	6.81	8.64	10.3	8.91	10
11	7.62	7.03	8.29	9.17	31.3	15.2	11.5	7.20	7.20	8.64	10.3	8.87	11
12	7.86	6.93	8.33	9.11	31.6	14.9	11.9	7.61	7.17	8.72	10.3	8.95	12
13	8.23	6.72	8.58	8.87	31.3	14.5	12.3	7.64	7.00	8.92	10.3	8.98	13
14	8.30	6.68	8.71	8.81	30.9	14.2	12.8	7.68	7.27	9.05	10.3	8.81	14
15	8.42	6.80	8.80	8.88	30.3	13.9	12.8	7.71	7.38	9.45	10.3	8.52	15
16	8.51	7.12	8.80	8.83	29.6	13.7	12.6	7.53	7.34	9.52	10.3	8.40	16
17	8.54	7.29	8.80	8.80	29.1	13.4	12.2	7.72	7.22	9.51	10.0	8.34	17
18	8.50	7.36	8.77	8.75	28.4	13.2	12.4	7.85	7.24	9.74	9.69	8.34	18
19	8.49	7.50	8.70	8.64	27.6	13.0	12.1	7.93	7.82	10.0	9.56	8.31	19
20	8.55	7.79	8.58	8.82	27.1	13.0	11.8	7.85	7.51	9.54	9.65	8.34	20
21	8.62	7.88	8.68	9.18	26.6	12.9	11.5	7.86	7.24	9.72	9.63	8.30	21
22	8.63	8.05	8.70	9.60	26.1	12.6	11.5	8.01	7.06	9.73	9.67	8.15	22
23	8.76	8.15	8.62	10.1	25.2	12.4	11.4	8.03	6.76	9.77	9.66	8.05	23
24	8.81	8.22	8.49	10.6	24.7	12.5	10.7	8.05	6.89	9.77	9.64	7.96	24
25	8.80	8.32	8.60	11.3	24.0	12.2	10.7	8.10	7.01	9.69	9.67	7.71B	25
26	8.80	8.43	8.66	11.9	23.4	12.2	10.6	8.06	7.00	9.58	9.60	7.55B	26
27	8.78	8.58	8.65	12.8	22.9	11.7	10.5	8.01	7.13	9.53	9.54	7.37B	27
28	8.73	8.57	8.61	13.7	21.6	12.0	10.2	7.76	7.39	9.58	9.61	7.12B	28
29	8.72		8.76	14.8	21.1	12.2	10.2	7.50	7.23	9.49	9.74	6.87B	29
30	8.70		8.76	15.7	20.7	11.8	10.0	7.61	6.96	9.41	9.85	6.52B	30
31	8.68		8.71		20.0		9.87	7.30		9.51		6.12B	31
TOTAL	250.65	217.86	265.77	299.01	796.1	434.3	349.27	252.44	214.39	276.25	296.58	262.10	TOTAL
MEAN	8.09	7.78	8.57	9.97	25.7	14.5	11.3	8.14	7.15	8.91	9.89	8.45	MEAN
MAX	8.81	8.58	8.80	15.7	31.6	19.1	12.8	9.77	7.82	10.0	10.3	9.84	MAX
MIN	6.81	6.68	8.25	8.64	16.9	11.7	9.87	7.20	6.52	7.09	9.37	6.12	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 31.6 ON MAY 12
MINIMUM DAILY, 6.12B ON DEC 31
MAXIMUM INSTANTANEOUS,
31.9 AT 16:52 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 40 N
LONG 107 29 20 W
DRAINAGE AREA, 2 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 700	JUL	30 200
FEB	18 800	AUG	21 800
MAR	23 000	SEP	18 500
APR	25 800	OCT	23 900
MAY	68 800	NOV	25 600
JUN	37 500	DEC	22 600

TOTAL DISCHARGE, 338 000 dam³

OVERFLOWING RIVER NEAR HUDSON BAY - STATION NO. 05LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.030B	0.792B	1.27	0.350E	0.227	1.11	0.036	0.740	1.97	---	1
2	---	---	0.030B	0.674B	1.29	0.320E	0.371	1.06	0.027	0.885	1.99	---	2
3	---	---	0.030B	0.891B	1.54	0.280E	0.372	1.01	0.027	0.878	1.87	---	3
4	---	---	0.030B	0.509B	1.72	0.250E	0.262	0.963	0.026	0.855	1.80A	---	4
5	---	---	0.031B	0.429B	1.64	0.240E	0.169	1.03	0.061	0.770	---	---	5
6	---	---	0.032B	0.507B	1.50	0.250E	0.119	1.45	0.419	0.692	---	---	6
7	---	---	0.033B	0.594B	1.28	0.320E	0.099	1.57	0.557	0.653	---	---	7
8	---	---	0.034B	0.570B	1.14	0.400E	0.086	1.44	0.415	0.601	---	---	8
9	---	---	0.035B	0.517	1.03	0.460E	0.368	1.27	0.324	0.637	---	---	9
10	---	---	0.036B	0.388	0.926	0.420E	0.158	1.08	0.241	0.677	---	---	10
11	---	---	0.043B	0.298	0.838	0.370E	0.029	0.933	0.166	0.740	---	---	11
12	---	---	0.050B	0.252	0.752	0.325E	0.025	0.727	0.113	1.55	---	---	12
13	---	---	0.058B	0.398	0.709	0.300E	0.024	0.668	0.105	2.98	---	---	13
14	---	---	0.066B	0.265	0.691	0.260E	0.025	0.478	0.083	3.65	---	---	14
15	---	---	0.080B	0.278	0.661	0.240E	0.040	0.343	0.057	3.81	---	---	15
16	---	---	0.095B	0.501	0.561	0.250E	0.452	0.290	0.046	3.77	---	---	16
17	---	---	0.110B	0.589	0.514	0.280E	0.771	0.257	0.040	3.52	---	---	17
18	---	---	0.138B	0.667	0.483	0.320E	0.856	0.216	0.038	3.48	---	---	18
19	---	---	0.110B	0.802	0.453	0.370E	0.983	0.224	0.032	3.35	---	---	19
20	---	---	0.090B	0.751	0.446	0.400E	0.908	0.215	0.030	3.08	---	---	20
21	---	---	0.078B	0.808	0.418	0.385E	0.790	0.196	0.031	2.69	---	---	21
22	---	---	0.073B	0.823	0.400	0.350E	0.705	0.173	0.045	2.45	---	---	22
23	---	---	0.075B	0.770	0.381	0.309A	0.664	0.175	0.072	2.48	---	---	23
24	---	---	0.078B	0.800	0.305	0.275	0.600	0.150	0.142	2.03	---	---	24
25	---	---	0.083B	0.877	0.254	0.245	0.468	0.160	0.132	2.30	---	---	25
26	---	---	0.090B	1.06	0.207	0.160	0.473	0.148	0.485	1.71	---	---	26
27	---	---	0.138B	1.19	0.176	0.155	0.556	0.113	0.702	1.68	---	---	27
28	---	---	0.555B	1.36	0.182	0.162	0.445	0.088	0.814	1.62	---	---	28
29	---		0.319B	1.40	0.256A	0.164	0.359	0.073	0.818	1.64	---	---	29
30	---		0.347B	1.37	0.335E	0.248	0.447	0.052	0.753	1.81	---	---	30
31	---		0.574B		0.360E		0.854	0.034		1.93		---	31
TOTAL	---	---	3.571	21.130	22.718	8.858	12.705	17.696	6.837	59.658	---	---	TOTAL
MEAN	---	---	0.115	0.704	0.733	0.295	0.410	0.571	0.228	1.92	---	---	MEAN
MAX	---	---	0.574	1.40	1.72	0.460	0.983	1.57	0.818	3.81	---	---	MAX
MIN	---	---	0.030	0.252	0.176	0.155	0.024	0.034	0.026	0.601	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.625
MAXIMUM DAILY, 3.81 ON OCT 15
MINIMUM DAILY, 0.024 ON JUL 13
MAXIMUM INSTANTANEOUS,
4.14 AT 13:00 CST ON OCT 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 51 N
LONG 102 18 58 W
DRAINAGE AREA, 389 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 100
FEB	---	AUG	1 530
MAR	309	SEP	591
APR	1 830	OCT	5 150
MAY	1 960	NOV	---
JUN	765	DEC	---

TOTAL DISCHARGE, 13 200 dam³

PAGATO RIVER AT OUTLET OF PAGATO LAKE - STATION NO. 06EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.71	3.20	2.68A	2.20	2.15	7.01A	6.93A	3.08	1.85E	1.28 E	0.715B	0.792B	1
2	4.64	3.15	2.55	2.18	2.39	7.09A	6.70	2.97	1.82E	1.27 E	0.787B	0.791B	2
3	4.54	3.13	2.56	2.10	2.54	7.20	6.57	2.91	1.80E	1.26 E	0.809B	0.802B	3
4	4.53	3.10	2.58	2.12	2.74	7.29	6.43	2.91	1.78E	1.25 E	0.809B	0.775B	4
5	4.51	3.04	2.53	2.10	2.94	7.28	6.24	2.88	1.76E	1.23 E	0.812B	0.740B	5
6	4.44	3.08	2.47	2.13	3.27	7.42	6.05	2.79	1.74E	1.21 E	0.810B	0.734B	6
7	4.37	2.94	2.46	2.14	3.74	7.44	5.96	2.80	1.72E	1.19 E	0.827B	0.732B	7
8	4.30	2.88	2.47	2.09	4.19	7.47	5.60	2.71	1.70E	1.18 E	0.817B	0.726B	8
9	4.26	2.82	2.46	2.06	4.50	7.54	5.43	2.63	1.69E	1.17 E	0.823B	0.720B	9
10	4.18	2.73	2.44	2.05	4.80	7.44	5.28	2.55	1.67E	1.15 E	0.827B	0.656B	10
11	4.11	2.67	2.45	2.05	5.05	7.50	5.18	2.54	1.65E	1.14 E	0.816B	0.713B	11
12	4.10	2.64	2.45	2.07	5.32	7.47	5.09	2.40	1.63E	1.12 E	0.814B	0.700B	12
13	4.03	2.64	2.40	2.18	5.61	7.61	4.97	2.37	1.61E	1.11 A	0.812B	0.690B	13
14	4.00	2.68	2.39	2.10	5.89	7.41	4.81	2.31	1.59E	1.10	0.810B	0.680B	14
15	3.95	2.70	2.36	2.14	6.07	7.39	4.72	2.23	1.57E	1.06	0.849B	0.665B	15
16	3.99	2.77	2.36	2.17	6.22	7.42	4.64	2.26	1.55E	1.08	0.849B	0.650B	16
17	3.91	2.76	2.34	2.09	6.38	7.48	4.45	2.20	1.52E	1.15	0.827B	0.630B	17
18	3.87	2.73	2.30	2.11	6.50	7.43	4.34	2.15	1.51E	1.02	0.822B	0.610B	18
19	3.82	2.70	2.29	2.08	6.69	7.46	4.26	2.11	1.50E	1.08	0.828B	0.595B	19
20	3.80	2.66	2.28	2.10	6.76	7.46	4.00	2.08	1.49E	0.845B	0.822B	0.575B	20
21	3.74	2.65	2.26	2.10	6.76	7.55	3.86	2.04	1.48E	0.877B	0.805B	0.555B	21
22	3.77	2.64	2.26	2.09	6.75	7.40	3.77	2.08	1.46E	0.547B	0.813B	0.535B	22
23	3.79	2.63	2.21	2.06	7.06	7.49A	4.11	2.05	1.44E	0.825B	0.830B	0.510B	23
24	3.66A	2.64	2.21	2.09	7.15	7.50A	4.26	2.01A	1.42E	0.305B	0.811B	0.490B	24
25	3.58A	2.63	2.21	2.11	7.18	7.52	3.92	2.00E	1.39E	0.134B	0.818B	0.460B	25
26	3.44	2.66	2.16	2.13	7.16	7.79A	3.65	1.99E	1.38E	0.293B	0.832B	0.430B	26
27	3.41	2.64	2.15	2.11	7.06	7.96A	3.53	1.97E	1.36E	0.242B	0.824B	0.400B	27
28	3.30	2.65	2.16	2.09	7.11	7.78A	3.52	1.95E	1.34E	0.255B	0.787B	0.370B	28
29	3.26		2.16	2.07	7.19	7.51A	3.49	1.92E	1.32E	0.285B	0.795B	0.340B	29
30	3.34		2.21	2.09	7.01	7.19A	3.30	1.90E	1.31E	0.398B	0.800B	0.300B	30
31	3.32		2.22		6.95A		3.18	1.88E		0.574B		0.250B	31
TOTAL	122.67	78.16	73.03	63.20	171.13	223.50	148.24	72.67	47.05	27.630	24.400	18.616	TOTAL
MEAN	3.96	2.79	2.36	2.11	5.52	7.45	4.78	2.34	1.57	0.891	0.813	0.601	MEAN
MAX	4.71	3.20	2.68	2.20	7.19	7.96	6.93	3.08	1.85	1.28	0.849	0.802	MAX
MIN	3.26	2.63	2.15	2.05	2.15	7.01	3.18	1.88	1.31	0.134	0.715	0.250	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.93
MAXIMUM DAILY, 7.96A ON JUN 27
MINIMUM DAILY, 0.134B ON OCT 25
MAXIMUM INSTANTANEOUS,
8.21 AT 22:19 CST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 40 N
LONG 102 30 30 W
DRAINAGE AREA, 960 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 600	JUL	12 800
FEB	6 750	AUG	6 280
MAR	6 310	SEP	4 070
APR	5 460	OCT	2 390
MAY	14 800	NOV	2 110
JUN	19 300	DEC	1 610

TOTAL DISCHARGE, 92 500 dam³

PAGE CREEK NEAR IFFLEY - STATION NO. 05EG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.022B	1.35 B	0.739	0.656	0	0.118	0	0	0.057	---	1
2	---	---	0.022B	3.81	0.813	0.464	0	0.045	0	0	0.031	---	2
3	---	---	0.023B	3.61	0.841	0.201	0	0.030	0	0	---	---	3
4	---	---	0.024B	3.79	0.961	0.110	0	0.026	0	0	---	---	4
5	---	---	0.025B	3.39	0.910	0.078	0	0.021	0	0	---	---	5
6	---	---	0.026B	3.77	0.841	0.061	0	0.012	0	0	---	---	6
7	---	---	0.027B	2.91	0.724	0.062	0	0.005	0	0	---	---	7
8	---	---	0.028B	3.52	0.648	0.061	0	0.001	0	0	---	---	8
9	---	---	0.029B	3.71	0.518	0.071	0	0	0	0	---	---	9
10	---	---	0.030B	3.40	0.444	0.049	0	0	0	0	---	---	10
11	---	---	0.031B	2.84	0.403	0.035	0	0	0	0	---	---	11
12	---	---	0.032B	2.95	0.378	0.025	0	0	0	0	---	---	12
13	---	---	0.034B	2.64	0.336	0.023	0	0	0	0	---	---	13
14	---	---	0.035B	3.08	0.312	0.017	0	0	0	0	---	---	14
15	---	---	0.037B	3.74	0.299	0.008	0	0	0	0	---	---	15
16	---	---	0.040B	3.05	0.267	0.006	0	0	0	0	---	---	16
17	---	---	0.042B	2.83	0.254	0.009	0	0	0	0	---	---	17
18	---	---	0.045B	3.23	0.262	0.011	0	0	0	0	---	---	18
19	---	---	0.048B	2.86	0.295	0.007	0	0	0	0	---	---	19
20	---	---	0.053B	2.47	0.241	0.003	0	0	0	0	---	---	20
21	---	---	0.060B	2.20	0.175	0.003	0	0	0	0	---	---	21
22	---	---	0.070B	1.96	0.146	0.005	0	0	0	0	---	---	22
23	---	---	0.080B	1.69	0.091	0.003	0.046	0	0	0	---	---	23
24	---	---	0.090B	1.38	0.116	0.002	0.075	0	0	0.023	---	---	24
25	---	---	0.110B	1.19	0.095	0.001	0.028	0	0	0.024	---	---	25
26	---	---	0.135B	1.05	0.078	0	0.014	0	0	0.029	---	---	26
27	---	---	0.155B	0.962	0.073	0	0.007	0	0	0.036	---	---	27
28	---	---	0.190B	0.832	0.059	0	0.003	0	0	0.034	---	---	28
29	---		0.220B	0.813	0.067	0	0.002	0	0	0.041	---	---	29
30	---		0.257B	0.758	0.070	0	0.003	0	0	0.048	---	---	30
31	---		0.550B		0.313		0.148	0		0.077		---	31
TOTAL	---	---	2.570	75.785	11.769	1.971	0.326	0.258	0	0.312	---	---	TOTAL
MEAN	---	---	0.083	2.53	0.380	0.066	0.011	0.008	0	0.010	---	---	MEAN
MAX	---	---	0.550	3.81	0.961	0.656	0.148	0.118	0	0.077	---	---	MAX
MIN	---	---	0.022	0.758	0.059	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.380
MAXIMUM DAILY, 3.81 ON APR 2
MINIMUM DAILY, 0 ON JUN 26
MAXIMUM INSTANTANEOUS,
4.42 AT 17:47 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 26 N
LONG 108 05 17 W
DRAINAGE AREA, 922 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.2
FEB	---	AUG	22.3
MAR	222	SEP	0
APR	6 550	OCT	27.0
MAY	1 020	NOV	---
JUN	170	DEC	---

TOTAL DISCHARGE, 8 040 dam³

PASQUIA RIVER AT HIGHWAY NO. 9 - STATION NO. 05KJ018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.001B	1.35 E	0.321	0.401	0.859	0.006	0.762	0.619	---	1
2	---	---	0 B	0.001B	1.50 E	0.302	0.458	0.674	0.005	0.687	0.620	---	2
3	---	---	0 B	0.001B	1.55 E	0.275	0.438	0.550	0.005	0.599	0.616	---	3
4	---	---	0 B	0.001B	1.60 E	0.230	0.355	0.573	0.015	0.521	0.603A	---	4
5	---	---	0 B	0.001B	1.55 E	0.214	0.266	0.535	0.093	0.457	---	---	5
6	---	---	0 B	0.001B	1.45 E	0.270	0.226	0.505	0.178	0.399	---	---	6
7	---	---	0 B	0.001B	1.31 E	0.267	0.198	0.421	0.130	0.361	---	---	7
8	---	---	0 B	0 B	1.19 E	0.556	0.217	0.337	0.102	0.333	---	---	8
9	---	---	0 B	0 B	1.05 E	0.577	0.269	0.272	0.079	0.370	---	---	9
10	---	---	0 B	0 B	0.950E	0.513	0.204	0.221	0.065	0.483	---	---	10
11	---	---	0 B	0 B	0.890E	0.468	0.157	0.190	0.050	0.484	---	---	11
12	---	---	0 B	0 B	0.820E	0.404	0.129	0.151	0.036	1.00	---	---	12
13	---	---	0 B	0 B	0.760E	0.325	0.105	0.123	0.031	3.43	---	---	13
14	---	---	0 B	0.003B	0.710E	0.283	0.098	0.104	0.024	3.03	---	---	14
15	---	---	0 B	0.006B	0.660E	0.253	0.308	0.097	0.020	2.16	---	---	15
16	---	---	0 B	0.013B	0.610E	0.221	6.47	0.075	0.017	1.78	---	---	16
17	---	---	0 B	0.018B	0.570E	0.248	4.25	0.071	0.014	2.15	---	---	17
18	---	---	0 B	0.024B	0.540E	0.391	3.60	0.066	0.012	2.15	---	---	18
19	---	---	0 B	0.030B	0.520E	0.428	2.46	0.082	0.009	1.74	---	---	19
20	---	---	0 B	0.037B	0.496A	0.363	1.69	0.065	0.007	1.40	---	---	20
21	---	---	0 B	0.044B	0.500	0.308	1.26	0.046	0.005	1.05 B	---	---	21
22	---	---	0 B	0.053B	0.466	0.312	1.01	0.055	0.036	0.892B	---	---	22
23	---	---	0 B	0.072B	0.450	0.368	0.991	0.081	0.093	1.03 B	---	---	23
24	---	---	0 B	0.100B	0.493	0.572	0.945	0.055	0.091	0.863B	---	---	24
25	---	---	0 B	0.170B	0.442	0.739	0.860	0.042	0.081	1.05 B	---	---	25
26	---	---	0 B	0.260B	0.355	0.691	0.738	0.039	0.637	1.58 B	---	---	26
27	---	---	0.001B	0.400B	0.304	0.672	0.571	0.027	1.63	1.49	---	---	27
28	---	---	0.001B	0.570B	0.351	0.600	0.479	0.023	1.16	1.13	---	---	28
29	---		0.001B	0.840B	0.408	0.526	0.563	0.016	0.912	0.665	---	---	29
30	---		0.001B	1.13 B	0.419	0.448	0.588	0.011	0.841	0.643	---	---	30
31	---		0.001B		0.377		0.892	0.010		0.645		---	31
TOTAL	---	---	0.005	3.777	24.641	12.145	31.196	6.376	6.384	35.334	---	---	TOTAL
MEAN	---	---	0	0.126	0.795	0.405	1.01	0.206	0.213	1.14	---	---	MEAN
MAX	---	---	0.001	1.13	1.60	0.739	6.47	0.859	1.63	3.43	---	---	MAX
MIN	---	---	0	0	0.304	0.214	0.098	0.010	0.005	0.333	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.489
MAXIMUM DAILY, 6.47 ON JUL 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.40 AT 08:03 CST ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 20 N
LONG 102 06 15 W
DRAINAGE AREA, 79.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 700
FEB	---	AUG	551
MAR	0.43	SEP	552
APR	326	OCT	3 050
MAY	2 130	NOV	---
JUN	1 050	DEC	---

TOTAL DISCHARGE, 10 400 dam³

PATTEN CREEK NEAR KUROKI - STATION NO. 05MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.519	0.011	0	0	0	0	0	0	---	1
2	---	0B	0 B	0.705	0.010	0	0	0	0	0	0.001A	---	2
3	---	0B	0 B	0.760	0.010	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.558	0.006	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.349	0.003	0	0	0	0	0	---	---	5
6	---	0B	0 B	0.268	0	0	0	0	0	0	---	---	6
7	---	0B	0 B	0.198	0	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.149	0	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.105	0	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.080	0.001	0	0	0	0	0	---	---	10
11	---	0B	0 B	0.055	0.001	0	0	0	0	0	---	---	11
12	---	0B	0.001B	0.049	0	0	0	0	0	0	---	---	12
13	---	0B	0.001B	0.038	0	0	0	0	0	0	---	---	13
14	---	0B	0.001B	0.026	0.004	0	0	0	0	0	---	---	14
15	---	0B	0.002B	0.020	0.015	0	0	0	0	0	---	---	15
16	---	0B	0.003B	0.020	0.009	0	0	0	0	0	---	---	16
17	---	0B	0.010B	0.020	0.009	0	0.005	0	0	0	---	---	17
18	---	0B	0.002B	0.013	0.003	0	0.023	0	0	0.006	---	---	18
19	---	0B	0 B	0.009	0.005	0	0.016	0	0	0.006	---	---	19
20	---	0B	0 B	0.022	0	0	0.008	0	0	0	---	---	20
21	---	0B	0.141B	0.019	0	0	0.002	0	0	0	---	---	21
22	---	0B	0.383B	0.026	0.001	0	0	0	0	0	---	---	22
23	---	0B	0.249B	0.018	0.003	0	0	0	0	0	---	---	23
24	---	0B	0.195B	0.012	0	0	0	0	0	0	---	---	24
25	---	0B	0.186B	0.011	0	0	0	0	0	0	---	---	25
26	---	0B	0.130B	0.011	0	0	0	0	0	0	---	---	26
27	---	0B	0.104	0.005	0	0	0	0	0	0	---	---	27
28	---	0B	0.097	0.005	0	0	0	0	0	0	---	---	28
29	---		0.093	0.008	0	0	0	0	0	0	---	---	29
30	---		0.106	0.013	0	0	0	0	0	0	---	---	30
31	---		0.245		0		0	0		0		---	31
TOTAL	---	0	1.949	4.091	0.091	0	0.054	0	0	0.012	---	---	TOTAL
MEAN	---	0	0.063	0.136	0.003	0	0.002	0	0	0	---	---	MEAN
MAX	---	0	0.383	0.760	0.015	0	0.023	0	0	0.006	---	---	MAX
MIN	---	0	0	0.005	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 0.760 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.791 AT 12:26 CST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 03 N
LONG 103 35 11 W
DRAINAGE AREA, 113 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.67
FEB	0	AUG	0
MAR	168	SEP	0
APR	353	OCT	1.04
MAY	7.86	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 535 dam³

PHEASANT CREEK NEAR ABERNETHY - STATION NO. 05JL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.013B	0.001	0.003	0	0	0.192	0	0	---	---	1
2	---	---	0.001B	0.001	0.002	0	0	0.136	0	0	---	---	2
3	---	---	0.001B	0.001	0.004	0	0	0.091	0	0	---	---	3
4	---	---	0.001B	0.001	0.005	0	0	0.052	0	0	---	---	4
5	---	---	0.001B	0.001	0.003	0	0	0.034	0	0	---	---	5
6	---	---	0.001B	0.001	0.002	0	0	0.172	0	0	---	---	6
7	---	---	0.001B	0.001	0.001	0	0	0.234	0	0	---	---	7
8	---	---	0.001B	0.001	0.001	0	0	0.197	0	0	---	---	8
9	---	---	0.001B	0.001	0.001	0	0	0.136	0	0	---	---	9
10	---	---	0.001B	0.001	0.001	0	0	0.131	0	0	---	---	10
11	---	---	0.005B	0.001	0.002	0	0	0.116	0	0	---	---	11
12	---	---	0.006B	0.001	0.002	0	0	0.097	0	0	---	---	12
13	---	---	0.001B	0.001	0.010	0	0	0.070	0	0	---	---	13
14	---	---	0.001B	0.001	0.009	0.001	0.130	0.043	0	0	---	---	14
15	---	---	0.001B	0.001	0.007	0.002	0.155	0.030	0	0	---	---	15
16	---	---	0.001B	0.001	0.007	0.002	0.050	0.020	0	0	---	---	16
17	---	---	0.001B	0.001	0.003	0.004	0.019	0.010	0	0	---	---	17
18	---	---	0.001B	0.001	0.002	0.003	0.009	0.006	0	0	---	---	18
19	---	---	0.001B	0.001	0.001	0.003	0.008	0.003	0	0	---	---	19
20	---	0.082B	0.001B	0.001	0	0.001	0.004	0	0	0	---	---	20
21	---	0.075B	0.001B	0.001	0	0.004	0.002	0	0	0	---	---	21
22	---	0.069B	0.001B	0.001	0	0.006	0.001	0	0	0	---	---	22
23	---	0.066B	0.001B	0.001	0	0.006	0	0	0	0	---	---	23
24	---	0.046B	0.001B	0.001	0	0.004	0	0	0	0	---	---	24
25	---	0.025B	0.001B	0.001	0	0	0	0	0	0	---	---	25
26	---	0.016B	0.001	0.001	0	0	0	0	0	0	---	---	26
27	---	0.007B	0.001	0.001	0	0	0	0	0	0	---	---	27
28	---	0.005B	0.001	0.001	0	0	0	0	0	0	---	---	28
29	---		0.001	0.006	0	0	0	0	0	0	---	---	29
30	---		0.001	0.003	0	0	0.154	0	0	0	---	---	30
31	---		0.001		0		0.239	0		0		---	31
TOTAL	---	---	0.052	0.037	0.066	0.036	0.771	1.770	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.001	0.002	0.001	0.025	0.057	0	0	---	---	MEAN
MAX	---	---	0.013	0.006	0.010	0.006	0.239	0.234	0	0	---	---	MAX
MIN	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.239 ON JUL 31
MINIMUM DAILY, 0 ON MAY 20
MAXIMUM INSTANTANEOUS,
0.660 AT 15:04 CST ON JUL 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 103 19 41 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	66.6
FEB	---	AUG	153
MAR	4.49	SEP	0
APR	3.20	OCT	0
MAY	5.70	NOV	---
JUN	3.11	DEC	---

TOTAL DISCHARGE, 236 dam³

REMARKS - SOME RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

PIKE LAKE NEAR SASKATOON - STATION NO. 05HG003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	481.483E	481.434	481.456E	481.547E	481.357	---	---	---	1
2	---	---	481.118	---	481.481E	481.414	481.456	481.547E	481.352	---	---	---	2
3	---	---	---	---	481.478E	481.374	481.456	481.547	481.352	---	---	---	3
4	---	---	---	---	481.476E	481.365	481.456E	481.547	481.352E	---	481.257	---	4
5	---	---	---	---	481.473	481.355	481.456E	481.545E	481.352E	---	---	---	5
6	---	---	---	---	481.473	481.351E	481.456	481.544E	481.352E	---	---	---	6
7	---	---	---	---	481.473	481.348E	481.459E	481.542E	481.352E	---	---	---	7
8	---	---	---	---	481.471E	481.345	481.461E	481.540E	481.352	---	---	---	8
9	---	---	---	---	481.468E	481.335	481.464E	481.539E	---	---	---	---	9
10	---	---	---	---	481.466E	481.335E	481.466	481.537	---	---	---	---	10
11	---	---	---	---	481.463	481.335	481.464E	481.530E	---	---	---	---	11
12	---	---	---	---	481.463	481.360E	481.462E	481.524E	---	---	---	---	12
13	---	---	---	---	481.463	481.385E	481.459E	481.517	---	---	---	---	13
14	---	---	---	---	481.463	481.410E	481.457	481.517	---	---	---	---	14
15	---	---	---	---	481.462E	481.435	481.457	481.497E	---	---	---	---	15
16	---	---	---	---	481.461E	481.435	481.457	481.477E	---	---	---	---	16
17	---	---	---	---	481.460E	481.445	481.467	481.457	---	---	---	---	17
18	---	---	---	---	481.459E	481.445	481.477E	481.457	---	---	---	---	18
19	---	---	---	---	481.458	481.448E	481.487E	481.437	---	481.262	---	---	19
20	---	---	---	---	481.453E	481.450E	481.497	481.427	---	---	---	---	20
21	---	---	---	---	481.448	481.453E	481.507	481.427	---	---	---	---	21
22	---	---	---	---	481.436E	481.455	481.513	481.427E	---	---	---	---	22
23	---	---	---	---	481.425E	481.456	481.527	481.427E	---	---	---	---	23
24	---	---	---	---	481.413E	481.456	481.547	481.427	---	---	---	---	24
25	---	---	---	---	481.402	481.456	481.547E	481.427	---	---	---	---	25
26	---	---	---	---	481.402	481.456E	481.547E	481.427E	---	---	---	---	26
27	---	---	---	---	481.418E	481.456E	481.547	481.427	---	---	---	---	27
28	---	---	---	---	481.434	481.456E	481.547	481.417	---	---	---	---	28
29	---		---	---	481.434E	481.456E	481.547	481.404E	---	---	---	---	29
30	---		---	---	481.434	481.456	481.547	481.390E	---	---	---	---	30
31	---		---		481.434E		481.547E	481.377		---		---	31
MEAN	---	---	---	---	481.452	481.412	481.490	481.479	---	---	---	---	MEAN
MAX	---	---	---	---	481.483	481.456	481.547	481.547	---	---	---	---	MAX
MIN	---	---	---	---	481.402	481.335	481.456	481.377	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 481.547 ON JUL 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 53 20 N
LONG 106 48 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PINTO CREEK NEAR WOODROW - STATION NO. 05JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.15 B	0.012	0	0	0	0	0	0	---	---	1
2	---	---	0.880B	0.010	0	0	0	0	0	0	---	---	2
3	---	---	0.630A	0.008	0	0	0	0	0	0	---	---	3
4	---	---	0.450A	0.007	0	0	0	0	0	0	---	---	4
5	---	---	0.355	0.006	0	0	0	0	0	0	---	---	5
6	---	---	0.283	0.005	0	0	0	0	0	0	---	---	6
7	---	---	0.277B	0.003	0	0	0	0	0	0	---	---	7
8	---	---	0.263B	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0.248B	0.003	0	0	0	0	0	0	---	---	9
10	---	---	0.234B	0.002	0	0	0	0	0	0	---	---	10
11	---	---	0.222	0.002	0	0	0	0	0	0	---	---	11
12	---	---	0.189	0.002	0	0	0	0	0	0	---	---	12
13	---	---	0.162	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0.139	0.002	0	0	0	0	0	0	---	---	14
15	---	---	0.118	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0.101	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0.087	0.001	0	0	0	0	0	0	---	---	17
18	---	0.013B	0.075	0.001	0	0	0	0	0	0	---	---	18
19	---	0.009B	0.062	0	0	0	0	0	0	0	---	---	19
20	---	0.004B	0.054	0	0	0	0	0	0	0	---	---	20
21	---	---	0.046	0	0	0	0	0	0	0	---	---	21
22	---	---	0.036	0	0	0	0	0	0	0	---	---	22
23	---	1.93 B	0.034	0	0	0	0	0	0	0	---	---	23
24	---	---	0.030	0	0	0	0	0	0	0	---	---	24
25	---	---	0.025	0	0	0	0	0	0	0	---	---	25
26	---	1.93 B	0.021	0	0	0	0	0	0	0	---	---	26
27	---	---	0.018	0	0	0	0	0	0	0	---	---	27
28	---	---	0.016	0	0	0	0	0	0	0	---	---	28
29	---		0.014	0	0	0	0	0	0	0	---	---	29
30	---		0.013	0	0		0	0		0		---	30
31	---		0.013		0		0			0		---	31
TOTAL	---	---	6.245	0.071	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.201	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.15	0.012	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0.013	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 1.15B ON MAR 1
MINIMUM DAILY, 0 ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 53 N
LONG 106 43 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	540	SEP	0
APR	6.13	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 546 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED PRIOR TO MAR 01

PIPESTONE CREEK NEAR MOOSOMIN - STATION NO. 05NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.42	0.561	0.012	0.003	0.172	0.001	0.001	0.133	0.012	---	1
2	---	---	1.17 A	0.576	0.011	0.021	0.032	0.005	0.001	0.438	0.015	---	2
3	---	---	0.995	0.494	0.016	0.016	0.008	0.005	0.001	0.464	0.013	---	3
4	---	---	0.848	0.455	0.015	0.015	0.008	0.008	0.001	0.463	0.005A	---	4
5	---	---	0.728	0.370A	0.011	0.006	0.011	0.021	0.001	0.404	0.005E	---	5
6	---	---	0.625	0.460	0.006	0.001	0.001	0.060	0.001	0.405	0.005E	---	6
7	---	---	0.562A	0.450	0.007	0.001	0.001	0.004	0.014	0.369	0.005E	---	7
8	---	---	0.502A	0.168	0.008	0.001	0.002	0.001	0.001	0.100	0.005E	---	8
9	---	---	0.464	0.112	0.005	0.002	0.001	0.001	0.001	0.441	0.005E	---	9
10	---	---	0.438	0.231	0.007	0.001	0.003	0.001	0.001	0.449	0.005E	---	10
11	---	---	0.448	0.068	0.011	0.001	0.003	0.001	0.001	0.447	0.005E	---	11
12	---	---	0.463	0.115	0.016	0.002	0.003	0.001	0.001	0.425	0.005E	---	12
13	---	---	0.434	0.193	0.015	0.008	0.009	0.001	0.006	0.360	0.005E	---	13
14	---	---	0.429	0.068	0.013	0.018	0.013	0.001	0.001	0.061	0.005E	---	14
15	---	---	0.411	0.043	0.013	0.026	0.003	0.001	0.001	0.021	0.005E	---	15
16	---	---	0.411	0.031	0.006	0.181	0.001	0.002	0.001	0.015	0.005E	---	16
17	---	---	0.412	0.050	0.009	0.153	0.002	0.003	0.001	0.012	0.005E	---	17
18	---	---	0.378	0.020	0.007	0.120	0.004	0.007	0.002	0.012	0.250E	---	18
19	---	---	0.358	0.012	0.004	0.123	0.006	0.002	0.001	0.012	0.474A	---	19
20	---	---	0.322	0.005	0.003	0.118	0.006	0.003	0.004	0.011	0.475E	---	20
21	---	---	0.306	0.007	0.004	0.077	0.002	0.004	0.004	0.013	0.477E	---	21
22	---	---	0.288	0.009	0.013	0.066	0.004	0.005	0.017	0.012	0.478E	---	22
23	---	---	0.260	0.008	0.012	0.055	0.007	0.021	0.001	0.010	0.479E	---	23
24	---	2.21A	0.242	0.008	0.015	0.058	0.008	0.025	0.001	0.010	0.481E	---	24
25	---	2.20A	0.302	0.005	0.011	0.190	0.009	0.010	0.006	0.012	0.482A	---	25
26	---	2.12	0.294	0.010	0.007	0.212	0.009	0.025	0.021	0.014	0.482E	---	26
27	---	2.00	0.296	0.006	0.003	0.213	0.005	0.004	0.005	0.016	0.300E	---	27
28	---	1.68	0.576	0.011	0.003	0.212	0.005	0.001	0.027	0.010	0.050E	---	28
29	---		0.574	0.018	0.004	0.212	0.002	0.008	0.146	0.009	0.020E	---	29
30	---		0.549	0.019	0.003	0.202	0.007	0.023	0.133	0.014	0.005E	---	30
31	---		0.591		0.001		0.021	0.018		0.014		---	31
TOTAL	---	---	16.096	4.583	0.271	2.314	0.368	0.273	0.403	5.176	4.563	---	TOTAL
MEAN	---	---	0.519	0.153	0.009	0.077	0.012	0.009	0.013	0.167	0.152	---	MEAN
MAX	---	---	1.42	0.576	0.016	0.213	0.172	0.060	0.146	0.464	0.482	---	MAX
MIN	---	---	0.242	0.005	0.001	0.001	0.001	0.001	0.001	0.009	0.005	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.120
MAXIMUM DAILY, 1.42 ON MAR 1
MINIMUM DAILY, 0.001 ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 3 650 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31.8
FEB	---	AUG	23.6
MAR	1 390	SEP	34.8
APR	396	OCT	947
MAY	23.4	NOV	394
JUN	200	DEC	---

TOTAL DISCHARGE, 2 550 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

PIPESTONE CREEK NEAR ROSE VALLEY - STATION NO. 05LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.00 B	0.459	0	0	0	0	0	0E	---	1
2	---	---	0 B	3.50 E	0.413	0	0	0	0	0	0E	---	2
3	---	---	0 B	6.20 E	0.414	0	0	0	0	0	0A	---	3
4	---	---	0 B	5.90 E	0.374	0	0	0	0	0	---	---	4
5	---	---	0 B	5.70 E	0.334	0	0	0	0	0	---	---	5
6	---	---	0 B	5.20 E	0.291	0	0	0	0	0	---	---	6
7	---	---	0 B	4.90 E	0.268	0	0	0	0	0	---	---	7
8	---	---	0 B	4.40 A	0.228	0	0	0	0	0	---	---	8
9	---	---	0 B	3.72	0.217	0	0	0	0	0	---	---	9
10	---	---	0 B	3.28	0.186	0	0	0	0	0	---	---	10
11	---	---	0 B	3.10	0.170	0	0	0	0	0	---	---	11
12	---	---	0 B	2.90	0.160	0	0	0	0	0	---	---	12
13	---	---	0 B	2.68	0.147	0	0	0	0	0	---	---	13
14	---	---	0 B	2.64	0.133	0	0	0	0	0	---	---	14
15	---	---	0 B	2.21	0.082	0	0	0	0	0	---	---	15
16	---	---	0.001B	1.97	0.029	0	0	0	0	0	---	---	16
17	---	---	0.002B	1.78	0	0	0	0	0	0	---	---	17
18	---	---	0.001B	1.67	0	0	0	0	0	0	---	---	18
19	---	---	0 B	1.53	0	0	0	0	0	0	---	---	19
20	---	---	0 B	1.38	0	0	0	0	0	0	---	---	20
21	---	---	0 B	1.25	0	0	0	0	0	0E	---	---	21
22	---	---	0 B	1.13	0	0A	0	0	0	0E	---	---	22
23	---	---	0 B	0.983	0	0	0	0	0	0E	---	---	23
24	---	---	0 B	0.854	0	0	0	0	0	0E	---	---	24
25	---	---	0 B	0.787	0	0	0	0	0	0E	---	---	25
26	---	---	0 B	0.719	0	0	0	0	0	0E	---	---	26
27	---	---	0.010B	0.642	0	0	0	0	0	0E	---	---	27
28	---	---	0.030B	0.571	0	0	0	0	0	0E	---	---	28
29	---		0.250B	0.527	0	0	0	0	0	0E	---	---	29
30	---		0.767B	0.505	0	0	0	0	0	0E	---	---	30
31	---		0.995B		0		0	0		0E		---	31
TOTAL	---	---	2.056	74.628	3.901	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.066	2.49	0.126	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.995	6.20	0.459	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.505	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.329
MAXIMUM DAILY, 6.20E ON APR 3
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 21 N
LONG 103 40 20 W
DRAINAGE AREA, 841 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	178	SEP	0
APR	6 450	OCT	0
MAY	337	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6 970 dam³

PIPESTONE RIVER BELOW ROTARIU LAKE - STATION NO. 07LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.93	2.24	2.24	2.62	4.25	4.23	2.95	2.47	2.11E	1.68E	1.79	1.91	1
2	1.91	2.23	2.39	2.62	4.51	4.20	2.93	2.48	2.09E	1.68E	1.77	1.91	2
3	1.91	2.21	2.52	2.62	4.71	4.17	2.91	2.47	2.06E	1.68E	1.76	1.90	3
4	1.95	2.20	2.65	2.66	4.93	4.10	2.88	2.42	2.03E	1.67E	1.78	1.90	4
5	2.00	2.17	2.71	2.65	5.22	4.03	2.78	2.40	2.01E	1.67E	1.81	1.90	5
6	2.08	2.15	2.73	2.70	5.52	3.89	2.73	2.37	2.00E	1.66A	1.81	1.91	6
7	2.19	2.12	2.74	2.80	5.81A	3.80	2.73	2.34	1.98E	1.65	1.82	1.90	7
8	2.26	2.11	2.74	2.81A	5.97E	3.81	2.95	2.33	1.96E	1.65	1.81	1.89	8
9	2.33	2.07	2.72	2.79A	6.04A	3.77	3.06	2.32	1.94E	1.67	1.88	1.90	9
10	2.36	2.03	2.71	2.79A	6.08A	3.72	3.02	2.32	1.92E	1.75	1.89	1.91	10
11	2.38	2.01	2.66	2.79	6.07A	3.67	3.00	2.24	1.91E	1.78	1.87	1.96	11
12	2.40	1.99	2.63	2.79A	6.06	3.60	2.97	2.21	1.90E	1.79	1.86	1.97	12
13	2.40	1.98	2.62	2.79A	5.99A	3.54	2.97	2.30	1.88E	1.80	1.87	1.95	13
14	2.37	1.97	2.60	2.76A	5.90E	3.49	2.94	2.27	1.86E	1.83	1.87	1.91	14
15	2.32	1.95	2.58	2.74A	5.80E	3.45	2.91	2.30	1.85E	1.85	1.86	1.89	15
16	2.26	1.90	2.58	2.74A	5.70A	3.38	2.91	2.40	1.84E	1.86	1.85	1.88	16
17	2.22	1.84	2.62	2.73E	5.60A	3.29	2.87	2.42	1.83E	1.86	1.84	1.86	17
18	2.18	1.80	2.67	2.71E	5.52	3.21	2.79	2.42	1.81E	1.85	1.84	1.84	18
19	2.16	1.78	2.70	2.68A	5.47	3.18	2.71	2.39	1.80E	1.84	1.83	1.84	19
20	2.15	1.78	2.76	2.66	5.49A	3.16	2.67	2.37	1.78E	1.82	1.83	1.82	20
21	2.18	1.76	2.79	2.66	5.46	3.15	2.62	2.33	1.77E	1.82	1.84	1.79	21
22	2.19	1.73	2.80	2.66	5.37A	3.09	2.61	2.31	1.75E	1.80	1.83	1.78	22
23	2.23	1.77	2.75	2.68	5.30A	3.08	2.63	2.32	1.74E	1.82	1.84	1.76	23
24	2.23	1.78	2.68	2.74	5.19A	3.06	2.60	2.30	1.72E	1.81	1.86	1.74	24
25	2.23	1.80	2.63	2.91	5.07	3.04	2.54	2.29E	1.71E	1.82	1.86	1.71	25
26	2.22	1.85	2.62	3.09	4.94	3.03	2.55	2.27E	1.71E	1.83	1.85	1.70	26
27	2.22	1.94	2.61	3.29	4.77	2.99	2.53	2.25E	1.70E	1.81	1.86	1.71	27
28	2.22	2.08	2.57	3.53	4.67	2.95	2.52	2.23E	1.70E	1.82	1.87	1.71	28
29	2.22		2.55	3.82	4.51	2.96	2.51	2.20E	1.69E	1.78	1.89	1.71	29
30	2.24		2.57	4.05	4.39	2.97	2.49	2.18E	1.68E	1.79	1.91	1.68	30
31	2.25		2.60		4.29		2.48	2.15E		1.79		1.65	31
TOTAL	68.19	55.24	81.74	85.88	164.60	104.01	85.76	72.07	55.73	54.93	55.25	56.89	TOTAL
MEAN	2.20	1.97	2.64	2.86	5.31	3.47	2.77	2.32	1.86	1.77	1.84	1.84	MEAN
MAX	2.40	2.24	2.80	4.05	6.08	4.23	3.06	2.48	2.11	1.86	1.91	1.97	MAX
MIN	1.91	1.73	2.24	2.62	4.25	2.95	2.48	2.15	1.68	1.65	1.76	1.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.58
MAXIMUM DAILY, 6.08A ON MAY 10
MINIMUM DAILY, 1.65 ON OCT 7
MAXIMUM INSTANTANEOUS,
6.08 AT 18:20 CST ON MAY 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 14 15 N
LONG 106 07 45 W
DRAINAGE AREA, 963 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 890	JUL	7 410
FEB	4 770	AUG	6 230
MAR	7 060	SEP	4 820
APR	7 420	OCT	4 750
MAY	14 200	NOV	4 770
JUN	8 990	DEC	4 920

TOTAL DISCHARGE, 81 200 dam³

PORCUPINE RIVER AT OUTLET OF GROVE LAKE - STATION NO. 07LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.5	32.6	28.4	26.7	28.1	119	87.1	75.3	60.9	50.4	48.1	43.8E	1
2	33.1	32.5	28.4	26.7	28.8	120	86.3	74.9	61.3	50.9	47.9	43.6E	2
3	33.0	32.0	28.6	26.9	29.9	119	85.9	74.2	60.6	51.3	47.4	43.4E	3
4	33.0	31.9	28.5	27.1	31.1	117	84.3	73.2	60.1	51.0	47.6	43.2E	4
5	32.8	31.8	28.5	26.9	33.0	115	83.1	72.2	59.8	50.7	47.7	43.0E	5
6	32.4	31.4	28.5	27.1	36.9	113	82.5	71.0	59.2	50.3	47.5	42.8E	6
7	32.8	31.1	28.8	27.6	42.4	112	80.9	70.4	59.2	49.8	46.9	42.6E	7
8	32.6	30.8	29.0	27.6	47.3	111	80.6	69.5	58.8	49.9	46.8	42.4E	8
9	32.4	30.4	28.8	27.5	51.9	110	81.8	68.7	58.8	49.4	46.8	42.2E	9
10	32.4	29.9	29.0	27.5	55.9	109	82.5	67.5	58.4	49.4	46.8	42.0E	10
11	32.7	29.4	29.3	27.6	59.5	108	82.6	66.3	58.5	49.8	46.4	41.8E	11
12	32.9	28.9	29.0	27.5	63.7	106	82.7	65.0	58.7	50.1	46.4	41.6E	12
13	33.0	28.6	28.9	27.3	68.0	106	82.5	65.2	58.6	50.3	46.3	41.4E	13
14	33.3	28.7	28.9	27.2	71.3	105	82.2	64.9	58.3	50.6	46.0	41.2E	14
15	33.2	28.8	28.6	27.0	74.2	104	80.6	64.4	57.9	51.1	45.7	41.1E	15
16	33.6	28.9	28.6	26.8	76.4	103	80.6	65.3	57.6	51.7	45.2	40.9E	16
17	33.6	29.0	28.5	26.5	78.0	101	80.6	64.7	58.2	51.4	44.7	40.7E	17
18	33.5	29.3	28.4	26.4	80.3	99.5	82.6	64.6	58.0	51.2	44.3	40.5E	18
19	33.5	29.5	28.5	26.3	82.5	97.8	82.8	64.4	57.3	51.3	44.4	40.3E	19
20	33.6	29.4	28.1	26.4	85.9	96.2	82.7	63.9	56.8	50.7	45.0	40.2E	20
21	33.7	29.5	28.2	26.5	91.7	95.2	83.0	64.8	56.5	50.4	45.5	40.0E	21
22	34.0	29.3	28.2	26.7	98.0	93.7	83.2	65.2	56.0	49.9	45.6	39.8E	22
23	34.1	28.9	28.1	27.2	104	92.5	82.7	65.1	55.0	50.2	45.4	39.6E	23
24	34.2	28.7	27.7	27.5	109	91.6	80.9	65.0	54.2	49.9	45.2E	39.4E	24
25	34.3	28.7	27.5	27.6	113	90.0	79.8	64.8	54.0	49.5	45.0E	39.3E	25
26	34.0	28.6	27.4	27.8	116	89.0	79.3	64.7	53.2	48.9	44.8E	39.1E	26
27	34.0	28.6	27.3	27.7	117	88.8	78.7	64.4	52.1	48.5	44.6E	38.9E	27
28	33.6	28.7	27.5	27.6	118	88.6	78.5	63.8	51.5	48.6	44.4E	38.8E	28
29	33.5		27.0	27.6	118	88.6	77.2	63.4	50.9	48.5	44.2E	38.6E	29
30	33.5		27.1	27.8	118	87.8	76.3	62.4	50.9	48.7	44.0E	38.4E	30
31	32.9		26.9		119		75.8	62.1		48.6		38.3E	31
TOTAL	1 032.7	835.9	876.2	814.6	2 346.8	3 077.3	2 530.3	2 071.3	1 711.3	1 553.0	1 376.6	1 268.9	TOTA
MEAN	33.3	29.9	28.3	27.2	75.7	103	81.6	66.8	57.0	50.1	45.9	40.9	MEAN
MAX	34.3	32.6	29.3	27.8	119	120	87.1	75.3	61.3	51.7	48.1	43.8	MAX
MIN	32.4	28.6	26.9	26.3	28.1	87.8	75.8	62.1	50.9	48.5	44.0	38.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.4
MAXIMUM DAILY, 120 ON JUN 2
MINIMUM DAILY, 26.3 ON APR 19
MAXIMUM INSTANTANEOUS,
121 AT 15:05 CST ON JUN 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 26 40 N
LONG 104 21 40 W
DRAINAGE AREA, 7 300 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	89 200	JUL	219 000
FEB	72 200	AUG	179 000
MAR	75 700	SEP	148 000
APR	70 400	OCT	134 000
MAY	203 000	NOV	119 000
JUN	266 000	DEC	110 000

TOTAL DISCHARGE, 1 690 000 dam³

PORTER LAKE AT CREW CABIN - STATION NO. 06BC002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	30.022	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	30.066	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	30.025	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	29.790	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 23 30 N
LONG 107 20 40 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PRAIRIE RIVER NEAR PRAIRIE RIVER - STATION NO. 05LB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.040B	0.528B	1.58	0.279	0.193	0.437	0.102	0.384	1.36	---	1
2	---	---	0.042B	0.804B	1.51	0.276	0.240	0.370	0.071	0.246	1.31	---	2
3	---	---	0.044B	0.647B	1.48	0.256	0.290	0.277	0.026	0.319	1.21	---	3
4	---	---	0.045B	0.597B	1.53	0.231	0.262	0.234	0.015	0.316	1.17A	---	4
5	---	---	0.046B	0.659B	1.62	0.208	0.222	0.227	0.017	0.290	---	---	5
6	---	---	0.046B	0.289B	1.66	0.206	0.193	0.239	0.035	0.320	---	---	6
7	---	---	0.047B	0.427B	1.55	0.192	0.177	0.209	0.049	0.281	---	---	7
8	---	---	0.047B	0.659B	1.39	0.180	0.156	0.175	0.088	0.318	---	---	8
9	---	---	0.048B	1.00 B	1.28	0.173	0.123	0.157	0.137	0.397	---	---	9
10	---	---	0.048B	1.05 B	1.20	0.168	0.110	0.144	0.178	0.476	---	---	10
11	---	---	0.049B	1.15 B	1.07	0.156	0.084	0.158	0.191	0.507	---	---	11
12	---	---	0.049B	0.850B	0.937	0.150	0.066	0.216	0.204	0.694	---	---	12
13	---	---	0.050B	1.14 B	0.901	0.129	0.057	0.173	0.207	1.32	---	---	13
14	---	---	0.050B	0.965B	0.837	0.131	0.055	0.159	0.174	1.44	---	---	14
15	---	---	0.054B	0.651B	0.787	0.116	0.070	0.147	0.193	1.32	---	---	15
16	---	---	0.080B	0.686B	0.818	0.111	0.105	0.127	0.138	1.23	---	---	16
17	---	---	0.171B	0.836	0.936	0.099	0.268	0.097	0.105	1.17	---	---	17
18	---	---	0.120B	1.09	0.800	0.107	0.280	0.077	0.057	1.26	---	---	18
19	---	---	0.110B	1.25	0.678	0.127	0.218	0.055	0.140	1.28	---	---	19
20	---	---	0.120B	1.39	0.598	0.131	0.186	0.121	0.151	1.24	---	---	20
21	---	---	0.132B	1.38	0.545	0.131	0.159	0.135	0.287	1.16	---	---	21
22	---	---	0.150B	1.33	0.521	0.172	0.139	0.174	0.166	1.01	---	---	22
23	---	---	0.160B	1.23	0.531	0.199	0.147	0.189	0.010	0.945	---	---	23
24	---	---	0.190B	1.10	0.488	0.220	0.170	0.097	0.036	0.919	---	---	24
25	---	---	0.232B	1.12	0.434	0.217	0.127	0.048	0.142	0.814	---	---	25
26	---	---	1.35 B	1.43	0.370	0.198	0.104	0.024	0.314	0.821	---	---	26
27	---	---	1.12 B	1.63	0.306	0.237	0.090	0.031	0.472	0.726	---	---	27
28	---	---	1.00 B	1.64	0.265	0.248	0.078	0.062	0.486	0.666	---	---	28
29	---		0.693B	1.80	0.341	0.228	0.073	0.092	0.471	0.713	---	---	29
30	---		0.486B	1.71	0.326	0.204	0.081	0.100	0.435	0.928	---	---	30
31	---		0.544B		0.279		0.218	0.104		1.22		---	31
TOTAL	---	---	7.363	31.038	27.568	5.480	4.741	4.855	5.097	24.730	---	---	TOTAL
MEAN	---	---	0.238	1.03	0.889	0.183	0.153	0.157	0.170	0.798	---	---	MEAN
MAX	---	---	1.35	1.80	1.66	0.279	0.290	0.437	0.486	1.44	---	---	MAX
MIN	---	---	0.040	0.289	0.265	0.099	0.055	0.024	0.010	0.246	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.453
MAXIMUM DAILY, 1.80 ON APR 29
MINIMUM DAILY, 0.010 ON SEP 23
MAXIMUM INSTANTANEOUS,
1.98 AT 17:17 CST ON APR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 01 N
LONG 102 59 49 W
DRAINAGE AREA, 323 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	410
FEB	---	AUG	419
MAR	636	SEP	440
APR	2 680	OCT	2 140
MAY	2 380	NOV	---
JUN	473	DEC	---

TOTAL DISCHARGE, 9 580 dam³

QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE - STATION NO. 05JG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58B	1.40 B	0.818B	1.79 B	9.66	7.42	11.0	7.04	7.92	2.16	0.354B	0.940B	1
2	1.59B	1.40 B	0.826B	1.72 B	10.1	10.0	11.0	7.01	7.57	2.21	0.248B	0.934B	2
3	1.60B	1.39 B	0.833B	1.69 B	10.0	10.5	10.6	6.93	6.13	2.26	0.215B	0.935B	3
4	1.61B	1.39 B	0.814B	1.62 B	10.0	10.7	10.8	6.90	5.89	2.21	0.199B	0.937B	4
5	1.62B	1.39 B	0.978B	1.50 B	9.89	10.8	10.8	7.66	6.05	2.20	0.183B	0.938B	5
6	1.64B	1.38 B	0.982B	1.40 B	9.61	11.0	10.9	8.13	6.00	2.16	0.186B	0.938B	6
7	1.64B	1.38 B	0.826B	1.30 B	10.0	11.1	11.1	8.15	5.96	2.10	0.166B	0.939B	7
8	1.63B	1.39 B	0.834B	1.20 B	10.0	10.9	11.1	8.25	5.86	2.21	0.600B	0.939B	8
9	1.63B	1.39 B	0.913B	1.12	10.0	11.0	10.9	8.31	5.04	2.26	1.25 B	0.940B	9
10	1.62B	1.39 B	0.870B	1.06	9.96	10.9	10.9	8.08	5.67	2.16	1.30 B	0.940B	10
11	1.62B	1.39 B	0.882B	0.959	9.78	10.9	11.0	7.83	5.62	0.981	1.32 B	0.942B	11
12	1.61B	1.39 B	1.02 B	2.42	9.71	10.8	11.1	7.90	5.66	0.371	1.35 B	0.944B	12
13	1.61B	1.40 B	1.08 B	2.61	9.82	11.1	11.5	7.98	5.72	0.330	1.37 B	0.946B	13
14	1.60B	1.41 B	1.13 B	2.42	9.78	11.5	11.5	8.08	5.69	0.285	1.33 B	0.948B	14
15	1.60B	1.42 B	1.18 B	2.51	9.46	11.4	11.4	8.04	6.53	0.273	1.41 B	0.950B	15
16	1.59B	1.43 B	1.22 B	3.00	9.57	11.1	11.2	8.07	5.30	0.262	1.39 B	0.952B	16
17	1.59B	1.45 B	1.24 B	4.35	9.98	9.51	11.1	8.11	4.28	0.243	1.34 B	0.954B	17
18	1.58B	1.47 B	1.16 B	4.19	9.86	10.5	10.7	8.29	4.17	0.215	1.33 B	0.956B	18
19	1.57B	1.49 B	1.02 B	4.23	9.78	6.91	10.1	6.34	4.09	0.225	1.31 B	0.958B	19
20	1.57B	1.51 B	0.955B	4.04	9.92	9.66	10.6	6.52	4.16	0.196B	1.30 B	0.960B	20
21	1.56B	1.52 B	0.929B	4.59	9.86	11.2	13.1	6.77	4.12	0.165B	1.29 B	0.962B	21
22	1.55B	1.52 B	1.16 B	4.68	9.85	11.0	10.8	9.34	4.09	0.108B	1.27 B	0.963B	22
23	1.54B	1.53 B	0.856B	5.81	10.0	11.0	10.8	8.41	4.10	0.083B	1.22 B	0.965B	23
24	1.52B	1.54 B	1.31 B	6.66	10.1	11.1	10.2	8.26	4.02	0.068B	1.18 B	0.967B	24
25	1.50B	1.50 B	0.997B	8.30	10.1	11.0	8.76	8.27	4.15	0.049B	1.12 B	0.970B	25
26	1.48B	1.35 B	0.914B	8.38	10.0	10.9	8.39	8.21	4.44	0.050B	1.07 B	0.971B	26
27	1.46B	1.09 B	0.967B	8.39	7.36	11.1	8.30	8.15	4.03	0.038B	1.02 B	0.972B	27
28	1.43B	0.782B	1.07 B	8.47	6.57	10.9	7.74	8.16	3.92	0.042B	0.980B	0.972B	28
29	1.42B		1.32 B	9.33	6.78	10.9	7.13	8.26	3.85	0.058B	0.960B	0.971B	29
30	1.41B		1.55 B	9.81	6.74	10.9	8.09	8.21	2.58	0.080B	0.945B	0.971B	30
31	1.40B		1.63 B		6.80		7.43	8.25		0.531B		0.970B	31
TOTAL	48.37	39.092	32.284	119.549	291.04	317.70	320.04	243.91	152.61	26.583	29.206	29.544	TOTAL
MEAN	1.56	1.40	1.04	3.98	9.39	10.6	10.3	7.87	5.09	0.858	0.974	0.953	MEAN
MAX	1.64	1.54	1.63	9.81	10.1	11.5	13.1	9.34	7.92	2.26	1.41	0.972	MAX
MIN	1.40	0.782	0.814	0.959	6.57	6.91	7.13	6.34	2.58	0.038	0.166	0.934	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.52
MAXIMUM DAILY, 13.1 ON JUL 21
MINIMUM DAILY, 0.038B ON OCT 27
MAXIMUM INSTANTANEOUS,
16.4 AT 05:32 CST ON JUL 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 105 49 31 W
DRAINAGE AREA, 2 630 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 180	JUL	27 700
FEB	3 380	AUG	21 100
MAR	2 790	SEP	13 200
APR	10 300	OCT	2 300
MAY	25 100	NOV	2 520
JUN	27 400	DEC	2 550

TOTAL DISCHARGE, 143 000 dam³

QU'APPELLE RIVER AT HYDE - STATION NO. 05JM013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.60B	1.25 E	0.808	1.05	3.65	0.975	1.07	1.49	1.09	---	1
2	---	---	1.69B	1.20 E	0.830	1.03	3.66	0.923	1.29	1.50	0.798	---	2
3	---	---	1.78B	1.18 E	0.804	0.791	3.59	1.25	1.29	1.45	0.713	---	3
4	---	---	1.87B	1.16 E	0.889	0.883	3.59	1.52	1.32	1.41	0.717	---	4
5	---	---	1.95B	1.50 E	0.948	0.816	3.37	1.39	1.34	1.43	0.724A	---	5
6	---	---	2.04B	1.40 E	0.848	0.828	2.82	1.37	1.33	1.45	---	---	6
7	---	---	2.15B	1.30 E	0.751	0.849	2.57	1.65	1.36	1.42	---	---	7
8	---	---	2.25B	1.23 A	0.762	0.899	2.44	1.35	1.41	1.39	---	---	8
9	---	---	2.38B	1.16	0.779	0.871	2.41	1.18	1.42	1.38	---	---	9
10	---	---	2.50B	1.13	0.747	0.818	2.40	1.19	1.41	1.39	---	---	10
11	---	---	2.60B	1.14	0.673	0.772	2.42	1.16	1.40	1.43	---	---	11
12	---	---	2.76B	1.07	0.591	0.784	2.41	1.03	1.72	1.58	---	---	12
13	---	---	3.01B	0.949	0.570	0.836	2.50	0.963	1.83	1.66	---	---	13
14	---	---	3.30B	0.976	0.581	1.07	2.79	0.929	1.85	1.68	---	---	14
15	---	---	3.60B	0.965	0.570	1.05	6.02	0.870	1.83	1.72	---	---	15
16	---	---	3.77B	0.986	0.554	1.17	16.2	0.820	1.82	1.62	---	---	16
17	---	---	3.71B	1.15	0.617	1.21	15.9	0.754	1.81	1.49	---	---	17
18	---	---	3.56B	0.985	0.735	1.10	14.2	0.707	1.57	1.44	---	---	18
19	---	---	3.26B	0.852	0.843	1.02	11.0	0.639	1.32	1.42	---	---	19
20	---	---	2.83B	0.981	1.01	0.919	6.85	0.574	1.29	1.40	---	---	20
21	---	---	2.57B	1.24	1.18	0.935	4.73	0.501	1.30	1.36	---	---	21
22	---	---	2.28B	0.958	0.849	0.981	3.55	0.443	1.33	1.36B	---	---	22
23	---	1.80B	2.05B	0.769	0.777	0.938	2.82	0.396	1.31	1.36B	---	---	23
24	---	1.70B	2.15B	0.672	0.838	0.824	2.35	0.353	1.32	1.36B	---	---	24
25	---	1.47B	2.17B	0.676	0.861	0.861	2.09	0.313	1.40	1.35B	---	---	25
26	---	1.37B	2.10B	0.645	0.882	0.966	1.83	0.304	1.61	1.35B	---	---	26
27	---	1.44B	1.81B	0.698	0.940	0.949	1.75	0.294	1.62	1.34B	---	---	27
28	---	1.47B	1.98B	0.708	0.881	1.83	1.67	0.271	1.72	1.34B	---	---	28
29	---		2.00B	0.770	0.939	3.51	1.44	0.287	1.69	1.34B	---	---	29
30	---		1.35B	0.805	0.973	3.66	1.31	0.363	1.54	1.33B	---	---	30
31	---		1.30E		0.989		1.17	0.414		1.33		---	31
TOTAL	---	---	74.37	30.505	25.019	34.220	135.50	25.183	44.52	44.57	---	---	TOTAL
MEAN	---	---	2.40	1.02	0.807	1.14	4.37	0.812	1.48	1.44	---	---	MEAN
MAX	---	---	3.77	1.50	1.18	3.66	16.2	1.65	1.85	1.72	---	---	MAX
MIN	---	---	1.30	0.645	0.554	0.772	1.17	0.271	1.07	1.33	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 16.2 ON JUL 16
MINIMUM DAILY, 0.271 ON AUG 28
MAXIMUM INSTANTANEOUS,
17.5 AT 19:00 CST ON JUL 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 29 N
LONG 102 55 03 W
DRAINAGE AREA, 44 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11 700
FEB	---	AUG	2 180
MAR	6 430	SEP	3 850
APR	2 640	OCT	3 850
MAY	2 160	NOV	---
JUN	2 960	DEC	---

TOTAL DISCHARGE, 35 800 dam³

QU'APPELLE RIVER BELOW CRAVEN DAM - STATION NO. 05JK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33 B	0.921B	2.25B	1.90	2.79	2.84	2.85	2.47	0.999	0.530	1.47	1.59	1
2	1.47 B	1.10 B	2.07B	2.67	2.65	2.83	2.84	2.38	1.01	0.516	1.34	1.53	2
3	1.54 B	1.42 B	1.95B	5.78	2.58	2.81	2.94	2.33	0.924	0.520	1.28	1.38	3
4	1.51 B	1.56 B	1.92B	4.54	2.76	2.93	3.02	2.31	0.836	0.536	1.25	1.40	4
5	1.45 B	1.49 B	1.91B	3.46	2.89	3.10	2.96	2.23	1.07	0.554	1.27	1.51	5
6	1.37 B	1.40 B	1.89B	3.43	2.84	3.09	2.91	1.92	1.14	0.656	1.53	1.53	6
7	1.30 B	1.41 B	1.87B	3.13	2.79	3.16	2.75	1.37	1.10	0.628	1.58	1.58	7
8	1.21 B	1.41 B	1.88B	2.94	2.76	3.18	2.42	1.14	1.13	0.451	1.57	1.63	8
9	1.24 B	1.42 B	1.86B	2.82	2.74	3.20	2.20	1.11	1.20	0.429	1.45B	1.64	9
10	1.38 B	1.43 B	1.83B	2.83	2.77	3.06	2.15	1.08	1.24	0.453	1.40B	1.60	10
11	1.30 B	1.44 B	1.87B	2.47	2.80	3.03	2.08	1.07	1.14	0.493	1.60B	1.80	11
12	1.39 B	1.45 B	1.90B	2.72	2.98	3.17	2.00	1.05	1.07	0.515	1.95B	1.69	12
13	1.34 B	1.45 B	1.75B	2.70	2.99	3.25	2.48	1.05	0.994	0.530	1.86	1.55	13
14	1.34 B	1.50 B	1.29B	2.53	2.93	3.26	2.75	1.03	0.936	0.590	1.73	1.39	14
15	1.23 B	1.70 B	1.13B	2.98	2.90	3.20	2.76	1.01	0.906	0.612	1.71	1.28	15
16	1.07 B	1.90 B	1.12B	2.00	2.91	3.13	2.87	0.982	0.873	0.559	1.64	1.23	16
17	1.05 B	1.88 B	1.16B	0.618	2.84	3.12	2.65	0.966	0.835	0.521	1.56	1.16	17
18	1.16 B	1.87 B	1.20B	1.58	2.80	2.68	2.52	0.969	0.786	0.510	1.64	1.10B	18
19	1.18 B	1.86 B	1.21B	2.23	2.81	2.56	2.43	0.995	0.751	0.511	1.33	1.17B	19
20	1.33 B	1.85 B	1.26B	2.22	3.12	2.42	2.51	0.974	0.718	1.04	1.01	1.31B	20
21	1.49 B	1.54 B	1.27B	2.18	3.12	2.43	2.63	0.931	0.661	1.50	1.25	1.38B	21
22	1.51 B	1.59 B	1.19B	2.16	3.14	2.63	2.58	0.923	0.604	1.47	1.46	1.43B	22
23	1.24 B	2.00 B	1.18	2.17	3.15	3.02	2.53	0.931	0.557	1.51	1.67	1.48B	23
24	0.972B	3.12 B	1.24	2.33	3.14	3.10	2.54	0.934	0.542	1.54	1.44	1.54B	24
25	0.907B	3.14 B	1.34	2.49	3.14	3.13	2.56	0.913	0.528	1.58	1.33	1.48B	25
26	0.847B	2.49 B	1.37	2.64	3.13	3.14	2.54	0.903	0.531	2.67	1.37	1.41B	26
27	0.785B	2.31 B	1.40	2.76	3.09	2.92	2.49	0.964	0.557	3.03	1.44	1.41B	27
28	0.755B	2.25 B	1.47	2.93	3.02	2.90	2.43	1.03	0.561	2.51	1.50	1.39B	28
29	0.814B		1.52	2.95	2.90	2.91	2.45	1.02	0.567	2.24	1.49	1.39B	29
30	1.15 B		1.62	2.86	2.89	2.87	2.49	1.03	0.550	1.98	1.57	1.44B	30
31	0.992B		1.86		2.88		2.55	1.12		1.67		1.49B	31
TOTAL	37.652	48.901	48.78	81.018	90.25	89.07	79.88	39.135	25.316	32.854	44.69	44.91	TOTAL
MEAN	1.21	1.75	1.57	2.70	2.91	2.97	2.58	1.26	0.844	1.06	1.49	1.45	MEAN
MAX	1.54	3.14	2.25	5.78	3.15	3.26	3.02	2.47	1.24	3.03	1.95	1.80	MAX
MIN	0.755	0.921	1.12	0.618	2.58	2.42	2.00	0.903	0.528	0.429	1.01	1.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 5.78 ON APR 3
MINIMUM DAILY, 0.429 ON OCT 9
MAXIMUM INSTANTANEOUS,
6.65 AT 08:50 CST ON APR 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 20 N
LONG 104 47 50 W
DRAINAGE AREA, 33 600 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 250	JUL	6 900
FEB	4 230	AUG	3 380
MAR	4 210	SEP	2 190
APR	7 000	OCT	2 840
MAY	7 800	NOV	3 860
JUN	7 700	DEC	3 880

TOTAL DISCHARGE, 57 200 dam³

QU'APPELLE RIVER BELOW KATEPWA LAKE - STATION NO. 05JL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.49B	1.68B	1.75 B	0.901	0.200E	0.761	4.60	1.23	1.26	1.46	0.594	2.94B	1
2	2.38B	1.68B	1.83 B	0.878	0.280E	0.728	4.17	1.18	1.20	1.54	0.634	2.94B	2
3	2.31B	1.67B	1.99 B	0.792	0.310E	0.725	3.05	1.27	1.17	1.41	0.846	2.94B	3
4	2.29B	1.60B	2.24 B	0.741	0.410E	0.706	3.06	1.19	1.33	1.40	0.978	2.94B	4
5	2.46B	1.69B	2.30	0.676	0.310E	0.693	3.08	1.18	1.25	1.39	0.796	2.94B	5
6	2.25B	1.69B	2.35	0.669	0.290E	0.695	3.00	1.46	1.20	1.42	0.876	2.94B	6
7	2.20B	1.69B	2.42	0.746	0.292A	0.684	2.92	1.36	1.19	1.44	1.43	2.97B	7
8	2.16B	1.69B	2.58	0.595	0.336	0.667	2.61	1.21	1.60	1.40	1.94	2.86B	8
9	2.13B	1.68B	2.69	0.552	0.309	0.669	2.74	1.02	2.29	1.35	2.08	2.77B	9
10	2.10B	1.68B	2.79	0.555	0.302	0.662	2.78	0.953	2.27	1.36	2.13	2.79B	10
11	2.04B	1.68B	2.98	0.414	0.402	0.678	2.81	0.997	2.28	1.40	1.77	2.69B	11
12	2.00B	1.68B	2.93	0.658	0.485	0.690	2.68	0.698	2.35	1.42	2.03	2.67B	12
13	1.98B	1.68B	2.44	0.636	0.494	0.720	2.04	0.883	2.37	1.33	2.38	2.61B	13
14	1.95B	1.68B	2.16	0.400	0.501	0.739	0.797	0.762	1.99	1.34	2.47	2.65B	14
15	1.91B	1.68B	1.90	0.411	0.675	0.723	2.24	0.614	1.20	1.38	2.72	2.43B	15
16	1.89B	1.67B	1.68	0.658	0.760	0.723	4.40	0.615	1.18	1.37	2.88	2.25B	16
17	1.87B	1.67B	1.51	0.647	0.738	0.880	1.47	0.611	1.17	1.27	2.75	2.18B	17
18	1.80B	1.67B	1.41	0.313	0.735	0.718	1.21	0.556	1.18	1.30	2.96	2.07B	18
19	1.89B	1.67B	1.26	0.272	0.733	0.654	1.20	0.515	1.24	1.28	3.07	1.98B	19
20	1.84B	1.60B	1.17	0.244	0.692	0.657	1.19	0.401	1.22	1.32	2.74	1.90B	20
21	1.79B	1.55B	1.18	0.284	0.697	0.685	1.18	0.351	1.25	1.28	2.78	1.84B	21
22	1.76B	1.47B	1.00	0.241	0.711	0.738	0.934	0.505	1.30	1.24	2.81	2.18B	22
23	1.73B	1.40B	0.905	0.206	0.674	0.833	0.948	0.276	1.32	1.34	3.59	1.71B	23
24	1.71B	1.41B	0.832	0.202	0.689	1.24	1.45	0.214	1.45	1.27	3.51	1.69B	24
25	1.70B	1.45B	0.873	0.218	0.706	3.52	1.19	0.194	1.55	1.38	3.43	1.61B	25
26	1.70B	1.47B	0.811	0.207	0.728	5.35	0.976	0.193	1.35	1.33	3.49	1.60B	26
27	1.70B	1.55B	0.799	0.199	0.731	5.01	0.808	0.832	1.33	1.41	3.52	1.58B	27
28	1.69B	1.63B	0.786	0.206A	0.745	4.77	0.619	1.33	1.46	1.10	3.26	1.53B	28
29	1.69B		0.716	0.300E	0.749	4.70	0.673	1.36	1.43	0.709	3.06	1.49B	29
30	1.69B		0.713	0.300E	0.750	4.63	1.13	1.34	1.35	0.577	3.08	1.59B	30
31	1.69B		1.00		0.770		1.58	1.25		0.593		1.62B	31
TOTAL	60.79	45.36	51.995	14.121	17.204	45.648	63.535	26.550	44.73	39.809	70.604	70.90	TOTAL
MEAN	1.96	1.62	1.68	0.471	0.555	1.52	2.05	0.856	1.49	1.28	2.35	2.29	MEAN
MAX	2.49	1.69	2.98	0.901	0.770	5.35	4.60	1.46	2.37	1.54	3.59	2.97	MAX
MIN	1.69	1.40	0.713	0.199	0.200	0.654	0.619	0.193	1.17	0.577	0.594	1.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 5.35 ON JUN 26
MINIMUM DAILY, 0.193 ON AUG 26
MAXIMUM INSTANTANEOUS,
6.03 AT 05:32 CST ON JUL 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 103 36 02 W
DRAINAGE AREA, 40 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 250	JUL	5 490
FEB	3 920	AUG	2 290
MAR	4 490	SEP	3 860
APR	1 220	OCT	3 440
MAY	1 490	NOV	6 100
JUN	3 940	DEC	6 130

TOTAL DISCHARGE, 47 600 dam³

QU'APPELLE RIVER BELOW LOON CREEK - STATION NO. 05JK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.750B	1.27B	1.59B	0.912	4.92	3.01	2.87	2.70	0.851	0.666	2.41B	1.35 B	1
2	0.850B	1.26B	1.69B	0.911	5.72	3.08	2.79	2.63	0.920	0.593	2.25B	1.29 B	2
3	0.930B	1.25B	1.60B	0.711	4.51	2.98	2.72	2.55	0.933	0.578	1.95B	1.28 B	3
4	1.03 B	1.26B	1.46B	1.45	3.85	2.90	2.68	2.44	0.878	0.481	1.78B	1.26 B	4
5	1.14 B	1.21B	1.37B	3.77	3.34	2.90	2.68	2.41	0.911	0.504	1.67B	1.23 B	5
6	1.12 B	1.24B	1.28B	4.90	3.06	2.90	2.75	2.46	0.912	0.520	1.54B	1.21 B	6
7	1.13 B	1.30B	1.23B	4.45	3.22	3.00	2.79	2.36	0.840	0.476	1.43B	1.19 B	7
8	1.14 B	1.28B	1.25B	3.76	3.16	2.94	2.77	2.15	0.898	0.494	1.41B	1.19 B	8
9	1.14 B	1.25B	1.32B	3.10	3.08	3.03	2.58	1.83	0.985	0.571	1.60B	1.17 B	9
10	1.14 B	1.25B	1.42B	1.99	3.04	3.01	2.41	1.50	1.00	0.744	1.75B	1.12 B	10
11	1.14 B	1.25B	1.51B	1.10	3.14	2.97	2.27	1.31	0.977	0.776	1.87B	1.11 B	11
12	1.14 B	1.25B	1.53B	1.91	3.14	2.93	2.21	1.21	0.987	0.824	2.04B	1.10 B	12
13	1.13 B	1.25B	1.55B	3.12	3.17	2.94	2.26	1.15	1.02	0.886	2.11B	1.13 B	13
14	1.07 B	1.25B	1.63B	2.90	3.25	3.30	2.82	1.10	1.01	0.828	2.07B	1.15 B	14
15	1.02 B	1.25B	1.70B	2.80	3.02	3.55	3.74	1.10	0.972	0.832	2.09B	1.11 B	15
16	1.03 B	1.23B	1.69B	2.67	3.06	3.40	3.13	1.08	0.938	0.791	2.04B	1.05 B	16
17	1.12 B	1.50B	1.60B	2.35	3.31	3.27	2.90	0.991	0.881	0.724	1.90B	1.00 B	17
18	1.17 B	1.48B	1.50B	1.18	3.32	3.11	2.89	0.919	0.835	0.699	1.82B	0.990B	18
19	1.16 B	1.40B	1.40B	0.550	3.15	3.09	2.84	1.02	0.796	0.687	1.75B	0.980B	19
20	1.15 B	1.47B	1.32B	0.278	3.07	2.98	2.69	1.05	0.789	0.664B	1.70B	0.970B	20
21	1.08 B	1.53B	1.26B	0.740	3.03	2.85	2.57	1.04	0.792	0.562B	1.65B	0.970B	21
22	1.07 B	1.49B	1.20B	1.08	3.16	2.77	2.61	1.05	0.784	0.428B	1.60B	0.971B	22
23	1.08 B	1.34B	1.16B	0.368	3.33	2.67	2.72	1.02	0.764	0.652B	1.54B	1.04 B	23
24	1.20 B	1.21B	1.12B	0.192	3.39	2.70	2.76	1.04	0.730	1.19 B	1.51B	1.07 B	24
25	1.35 B	1.17B	1.10B	0.168	3.43	2.86	2.72	0.991	0.766	1.41 B	1.52B	1.07 B	25
26	1.57 B	1.16B	1.73B	0.162	3.43	2.96	2.68	0.990	0.955	1.50 B	1.56B	1.06 B	26
27	1.62 B	1.26B	1.44B	0.199	3.40	3.05	2.63	0.968	0.819	1.57 B	1.47B	1.07 B	27
28	1.60 B	1.41B	1.15B	0.238	3.34	3.08	2.60	0.926	0.707	1.83 B	1.36B	1.04 B	28
29	1.55 B		1.12B	0.276	3.29	3.05	2.63	0.874	0.721	2.90 B	1.38B	0.983B	29
30	1.47 B		1.02	0.997	3.22	2.91	3.00	0.859	0.724	2.95 B	1.30B	0.949B	30
31	1.36 B		1.07		3.16		2.97	0.872		2.23 B		0.981B	31
TOTAL	36.450	36.47	43.01	49.232	105.71	90.19	84.68	44.590	26.095	30.560	52.07	34.084	TOTAL
MEAN	1.18	1.30	1.39	1.64	3.41	3.01	2.73	1.44	0.870	0.986	1.74	1.10	MEAN
MAX	1.62	1.53	1.73	4.90	5.72	3.55	3.74	2.70	1.02	2.95	2.41	1.35	MAX
MIN	0.750	1.16	1.02	0.162	3.02	2.67	2.21	0.859	0.707	0.428	1.30	0.949	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 5.72 ON MAY 2
MINIMUM DAILY, 0.162 ON APR 26
MAXIMUM INSTANTANEOUS,
6.09 AT 03:09 CST ON MAY 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 11 N
LONG 104 17 21 W
DRAINAGE AREA, 36 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 150	JUL	7 320
FEB	3 150	AUG	3 850
MAR	3 720	SEP	2 250
APR	4 250	OCT	2 640
MAY	9 130	NOV	4 500
JUN	7 790	DEC	2 940

TOTAL DISCHARGE, 54 700 dam³

QU'APPELLE RIVER BELOW MOOSE JAW RIVER - STATION NO. 05JG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.690B	0.819B	0.768B	1.08	6.23	6.06	9.09	8.44	3.85	1.12	1.04	0.751B	1
2	0.705B	0.820B	0.675B	1.10	8.75	6.09	9.49	8.56	2.89	1.07	0.991	0.756B	2
3	0.720B	0.821B	0.910B	1.01	8.75	5.77	8.69	8.42	2.67	0.971	0.956	0.757B	3
4	0.730B	0.822B	1.18 B	0.989	8.34	5.02	8.61	8.06	2.46	0.929	0.910	0.758B	4
5	0.740B	0.822B	1.27 B	0.957	7.78	5.49	8.32	8.05	2.53	0.898	0.874	0.759B	5
6	0.750B	0.825B	1.10 B	0.980	6.36	5.56	8.24	7.81	2.59	0.912	0.966	0.760B	6
7	0.760B	0.828B	0.922B	0.984	6.80	6.41	8.21	7.73	2.74	0.907	0.980	0.762B	7
8	0.765B	0.832B	0.792B	1.02	7.07	5.89	9.48	7.54	2.70	0.918	0.959	0.769B	8
9	0.770B	0.836B	0.778B	0.974	6.87	6.04	8.13	7.35	2.68	0.937	0.996	0.775B	9
10	0.775B	0.840B	0.931B	0.945	6.42	6.30	7.46	7.26	2.38	0.809	1.14	0.782B	10
11	0.780B	0.842B	1.07 B	0.914	7.00	6.15	7.28	7.20	1.01	0.790	1.13	0.795B	11
12	0.782B	0.845B	1.11 B	0.973	6.76	6.06	7.47	6.84	0.943	0.956	1.07	0.810B	12
13	0.785B	0.847B	1.07 B	1.25	7.02	6.35	7.56	6.75	0.914	1.01	1.02	0.820B	13
14	0.790B	0.850B	1.06 B	3.13	7.01	7.46	8.24	6.49	0.920	0.855	0.983	0.830B	14
15	0.795B	0.860B	1.08	3.27	6.34	8.27	8.61	6.14	0.928	1.12	0.968	0.840B	15
16	0.800B	0.880B	1.10	3.37	5.94	8.11	9.07	5.93	0.968	1.46	0.876	0.845B	16
17	0.801B	0.900B	1.10	3.37	6.49	9.36	8.82	6.09	0.967	1.34	0.809	0.850B	17
18	0.802B	0.920B	1.07	2.96	6.54	8.76	8.61	5.83	0.967	1.19	0.831	0.855B	18
19	0.803B	0.950B	1.03	2.87	6.29	7.63	10.2	5.03	0.949	1.13	0.766B	0.857B	19
20	0.804B	1.34 B	1.04	2.49	6.80	7.36	9.18	4.69	1.07	1.05	0.721B	0.859B	20
21	0.805B	1.08 B	1.05	3.08	7.02	7.86	8.59	4.68	1.02	0.988	0.710B	0.860B	21
22	0.806B	0.964B	1.09	3.90	7.07	8.02	9.01	4.95	1.04	0.975B	0.705B	0.862B	22
23	0.808B	1.02 B	0.954	6.44	7.21	8.44	9.44	4.93	1.05	0.980B	0.710B	0.861B	23
24	0.809B	0.946B	1.02	7.34	6.91	10.5	9.44	4.80	0.859	0.985B	0.715B	0.857B	24
25	0.810B	0.938B	1.06	10.7	6.81	10.0	9.16	4.81	1.00	0.995B	0.720B	0.853B	25
26	0.811B	0.959B	1.08	10.3	6.42	8.81	8.77	4.91	1.25	1.17 B	0.725B	0.849B	26
27	0.812B	0.913B	1.10	9.92	6.59	9.62	8.39	4.66	1.05	1.08 B	0.730B	0.846B	27
28	0.814B	0.659B	1.10	8.97	7.31	9.58	8.19	4.35	1.05	1.05 B	0.736B	0.842B	28
29	0.815B		1.11	6.48	7.44	9.32	8.21	4.71	1.19	1.01	0.741B	0.838B	29
30	0.817B		1.11	6.36	6.24	8.83	8.52	5.06	1.12	1.02	0.746B	0.834B	30
31	0.818B		1.12		6.04		9.28	5.47		1.05		0.830B	31
TOTAL	24.272	24.978	31.850	108.126	214.62	225.12	267.76	193.54	47.755	31.675	26.224	25.322	TOTAL
MEAN	0.783	0.892	1.03	3.60	6.92	7.50	8.64	6.24	1.59	1.02	0.874	0.817	MEAN
MAX	0.818	1.34	1.27	10.7	8.75	10.5	10.2	8.56	3.85	1.46	1.14	0.862	MAX
MIN	0.690	0.659	0.675	0.914	5.94	5.02	7.28	4.35	0.859	0.790	0.705	0.751	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.35
MAXIMUM DAILY, 10.7 ON APR 25
MINIMUM DAILY, 0.659B ON FEB 28
MAXIMUM INSTANTANEOUS,
11.5 AT 14:39 CST ON JUL 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 40 N
LONG 105 16 00 W
DRAINAGE AREA, 12 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 100	JUL	23 100
FEB	2 160	AUG	16 700
MAR	2 750	SEP	4 130
APR	9 340	OCT	2 740
MAY	18 500	NOV	2 270
JUN	19 500	DEC	2 190

TOTAL DISCHARGE, 105 000 dam³

QU'APPELLE RIVER NEAR LUMSDEN - STATION NO. 05JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48B	1.30B	2.11 B	1.01B	8.25	7.02	9.84	10.7	6.40	2.55	1.32B	1.68B	1
2	1.61B	1.30B	1.90 B	5.46B	7.88	6.90	9.89	10.5	5.07	2.24	1.27B	1.63B	2
3	1.48B	1.32B	1.83 B	5.67B	9.33	6.93	10.1	9.75	3.95	2.20	1.24B	1.64B	3
4	1.34B	1.29B	1.89 B	3.53B	9.75	6.73	9.67	9.53	3.46	2.17	1.20B	1.62B	4
5	1.24B	1.27B	1.87 B	2.58B	9.38	5.80	9.40	9.09	3.20	2.23	1.74B	1.61B	5
6	1.21B	1.30B	1.83 B	2.47B	8.95	6.11	9.26	8.94	3.24	2.25	1.82B	1.60B	6
7	1.13B	1.29B	1.81 B	2.27B	7.96	6.55	8.99	8.66	3.17	1.99	1.69B	1.59B	7
8	1.10B	1.15B	1.78 B	2.20	8.01	7.08	9.14	8.55	3.26	1.86	1.45B	1.58B	8
9	1.09B	1.18B	1.72 B	2.26	8.08	7.13	9.68	8.37	3.29	2.09	1.30B	1.57B	9
10	1.17B	1.17B	1.66 B	2.23	8.06	7.01	9.02	8.17	3.29	2.01	1.50B	1.56B	10
11	1.27B	1.11B	1.67 B	2.08	7.62	7.28	8.25	8.04	3.30	2.47	1.55B	1.54B	11
12	1.31B	1.09B	1.69 B	2.40	7.93	7.16	8.10	7.93	2.13	2.52	1.60B	1.52B	12
13	1.28B	1.11B	1.10 B	2.15	7.88	7.18	8.39	7.71	1.70	2.77	1.68	1.50B	13
14	1.20B	1.10B	0.880B	2.42	7.97	8.02	8.67	7.51	1.97	6.12	1.62	1.49B	14
15	1.19B	1.12B	0.885B	3.95	8.00	10.5	10.4	7.36	1.85	3.84	1.55	1.47B	15
16	1.24B	1.15B	0.884B	4.57	7.66	10.9	12.1	7.01	1.67	2.58	1.52	1.44B	16
17	1.28B	1.31B	0.884B	4.39	7.08	10.0	11.1	7.00	1.59	2.73	1.51	1.42B	17
18	1.23B	1.36B	0.883B	4.36	7.40	10.2	10.3	7.61	1.42	2.70	1.45B	1.40B	18
19	1.27B	1.40B	0.887B	3.89	7.51	10.1	10.0	7.58	1.66	2.52	1.30B	1.38B	19
20	1.33B	1.48B	0.854B	3.40	7.20	9.07	12.3	6.64	1.72	2.34	1.40B	1.33B	20
21	1.29B	1.62B	0.809B	3.00	7.49	8.80	12.8	5.87	1.47	2.11B	1.44B	1.26B	21
22	1.29B	2.29B	0.777B	2.96	7.70	9.00	11.3	5.58	1.36	1.89B	1.42B	1.23B	22
23	1.34B	2.72B	0.809B	3.80	7.73	9.49	11.1	5.80	1.25	1.99B	1.41B	1.21B	23
24	1.36B	2.60B	0.873B	7.02	7.79	9.67	11.2	5.87	1.25	2.10B	1.37B	1.19B	24
25	1.30B	2.05B	0.920B	8.03	7.69	10.9	10.9	5.75	1.55	2.15B	1.32B	1.20B	25
26	1.28B	2.08B	0.947B	10.2	7.51	10.9	10.5	5.64	2.19	2.05B	1.31B	1.20B	26
27	1.21B	2.09B	1.01 B	10.4	7.26	10.1	10.0	5.72	3.32	2.03B	1.42B	1.21B	27
28	1.09B	2.12B	1.05 B	10.2	7.41	10.3	9.56	5.60	4.60	2.16B	1.48B	1.21B	28
29	1.17B		0.979B	9.88	7.98	10.6	9.34	5.27	2.80	1.76B	1.46B	1.22B	29
30	1.27B		1.13 B	8.45	8.18	10.3	9.63	5.53	2.60	1.46B	1.65B	1.22B	30
31	1.26B		1.14 B		7.41		10.1	5.95A		1.40B		1.22B	31
TOTAL	39.31	42.37	39.461	137.23	246.05	257.73	311.03	229.23	79.73	73.28	43.99	43.94	TOTAL
MEAN	1.27	1.51	1.27	4.57	7.94	8.59	10.0	7.39	2.66	2.36	1.47	1.42	MEAN
MAX	1.61	2.72	2.11	10.4	9.75	10.9	12.8	10.7	6.40	6.12	1.82	1.68	MAX
MIN	1.09	1.09	0.777	1.01	7.08	5.80	8.10	5.27	1.25	1.40	1.20	1.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.23
MAXIMUM DAILY, 12.8 ON JUL 21
MINIMUM DAILY, 0.777B ON MAR 22
MAXIMUM INSTANTANEOUS,
13.6 AT 02:03 CST ON JUL 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 16 N
LONG 104 51 06 W
DRAINAGE AREA, 18 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 400	JUL	26 900
FEB	3 660	AUG	19 800
MAR	3 410	SEP	6 890
APR	11 900	OCT	6 330
MAY	21 300	NOV	3 800
JUN	22 300	DEC	3 800

TOTAL DISCHARGE, 133 000 dam³

QU'APPELLE RIVER NEAR WELBY - STATION NO. 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15B	2.19B	3.71B	1.78 B	1.21	0.728	0.706	0.039	1.13	3.04	3.75	3.71B	1
2	1.15B	2.30B	3.52B	1.87 B	1.36	0.838	0.673	0.049	1.21	2.97	5.72	3.81B	2
3	1.20B	2.42B	3.59B	1.67 B	1.33	0.884	0.582	0.047	1.46	2.93	7.26	4.30B	3
4	1.28B	2.50B	3.48B	1.58	1.32	0.980	0.545	0.043	1.43	2.88	7.44	4.18B	4
5	1.43B	2.53B	3.37B	1.54	1.33	1.01	0.474	0.049	1.32	2.80	7.35	3.86B	5
6	1.40B	2.50B	3.36B	1.54	1.36	0.980	0.393	0.049	1.27	2.77	7.22	3.72B	6
7	1.35B	2.48B	3.38B	1.55	1.23	1.09	0.320	0.055	1.10	2.74	7.13	3.71B	7
8	1.35B	2.41B	3.42B	1.54	1.10	1.04	0.226	0.064	0.952	2.70	6.90	3.82B	8
9	1.39B	2.33B	3.46B	1.49	1.02	0.847	0.199	0.149	0.920	3.29	6.67	3.68B	9
10	1.53B	2.21B	3.54B	1.40	1.02	0.660	0.157	1.43	0.870	3.89	6.52	3.41B	10
11	1.64B	2.10B	3.65B	1.29	1.03	0.669	0.122	1.67	0.804	3.96	6.32	3.29B	11
12	1.71B	2.01B	3.80B	1.24	0.943	0.668	0.138	1.58	0.768	4.08	6.16	3.03B	12
13	1.73B	1.94B	3.92B	1.16	0.824	0.642	0.151	1.30	1.15	4.12	6.00	2.81B	13
14	1.71B	1.93B	3.72B	1.08	0.807	0.713	0.132	1.12	1.31	4.12	5.83	3.05B	14
15	1.69B	1.86B	2.96B	1.05	0.757	0.825	0.108	1.16	1.33	4.22	5.76	3.13B	15
16	1.70B	1.77B	2.56B	1.01	0.736	0.933	0.106	1.26	1.41	4.23	5.60	3.07B	16
17	1.73B	1.90B	2.44B	0.956	0.715	1.33	0.088	1.16	1.48	4.15	5.43	3.10B	17
18	1.77B	2.03B	2.32B	0.923	0.697	1.48	0.081	1.26	1.51	4.07	5.32	3.07B	18
19	1.83B	2.10B	2.27B	0.920	0.724	1.66	0.091	1.29	1.51	4.04	5.18	3.05B	19
20	1.90B	2.65B	2.21B	1.00	0.737	1.64	0.085	1.21	1.54	4.01	5.10B	3.01B	20
21	2.09B	3.54B	2.12B	1.00	0.805	1.47	0.077	1.23	1.56	3.90	5.00B	2.98B	21
22	2.15B	4.88B	2.15B	0.934	0.888	1.31	0.069	1.23	1.59	4.17	4.90B	2.91B	22
23	2.17B	5.27B	2.06B	0.921	0.914	1.14	0.063	1.19	1.59	4.32	4.80B	2.85B	23
24	2.15B	4.50B	2.27B	0.949	0.881	1.23	0.055	1.25	1.68	4.31	4.70B	2.85B	24
25	2.17B	3.91B	2.20B	0.989	0.856	1.02	0.049	1.29	2.45	4.20B	4.63B	2.81B	25
26	2.09B	3.89B	2.21B	0.992	0.866	0.978	0.042	1.41	2.91	4.10B	4.45B	2.78B	26
27	1.95B	3.81B	2.19B	1.03	0.877	0.894	0.039	1.53	2.97	4.03	4.44B	2.76B	27
28	2.10B	3.51B	2.43B	1.01	0.859	0.711	0.033	1.38	2.97	3.89	3.69B	2.71B	28
29	2.29B		2.55B	1.07	0.849	0.666	0.035	1.26	3.12	3.90	3.31B	2.64B	29
30	2.31B		2.52B	1.12	0.786	0.716	0.037	1.22	3.12	3.83	3.69B	2.58B	30
31	2.29B		2.11B		0.754		0.041	1.18		3.77		2.51B	31
TOTAL	54.40	77.47	89.49	36.604	29.585	29.752	5.917	29.154	48.434	115.43	166.27	99.19	TOTAL
MEAN	1.75	2.77	2.89	1.22	0.954	0.992	0.191	0.940	1.61	3.72	5.54	3.20	MEAN
MAX	2.31	5.27	3.92	1.87	1.36	1.66	0.706	1.67	3.12	4.32	7.44	4.30	MAX
MIN	1.15	1.77	2.06	0.920	0.697	0.642	0.033	0.039	0.768	2.70	3.31	2.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 7.44 ON NOV 4
MINIMUM DAILY, 0.033 ON JUL 28
MAXIMUM INSTANTANEOUS,
7.66 AT 14:10 CST ON NOV 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 28 N
LONG 101 33 28 W
DRAINAGE AREA, 50 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 700	JUL	511
FEB	6 690	AUG	2 520
MAR	7 730	SEP	4 180
APR	3 160	OCT	9 970
MAY	2 560	NOV	14 400
JUN	2 570	DEC	8 570

TOTAL DISCHARGE, 67 600 dam³

QUILL CREEK NEAR QUILL LAKE - STATION NO. 05MA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.018	0	0	0	0	0	0	---	---	1
2	---	0B	0 B	0.011	0	0	0	0	0	0	---	---	2
3	---	0B	0 B	0.008	0	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.003	0	0	0	0	0	0	---	---	4
5	---	0B	0 B	0	0	0	0	0	0	0	---	---	5
6	---	0B	0 B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0 B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0B	0 B	0	0	0	0	0	0	0	---	---	14
15	---	0B	0.001B	0	0	0	0	0	0	0	---	---	15
16	---	0B	0.002B	0	0	0	0	0	0	0	---	---	16
17	---	0B	0.008	0	0	0	0	0	0	0	---	---	17
18	---	0B	0.001	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.001	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.061	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.071	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.035	0	0	0	0	0	0	0	---	---	28
29	---		0.021	0	0	0	0	0	0	0	---	---	29
30	---		0.029	0	0	0	0	0	0	0	---	---	30
31	---		0.041		0		0	0		0		---	31
TOTAL	---	0	0.271	0.040	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.009	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.071	0.018	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.071 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.078 AT 06:48 CST ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 11 N
LONG 104 14 50 W
DRAINAGE AREA, 274 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	23.4	SEP	0
APR	3.46	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 26.9 dam³

RADOUGA CREEK NEAR BLAINE LAKE - STATION NO. 05GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.001B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.001B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.002B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.001B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.002B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.001E	0	0	0	0	0	0	0	---	---	26
27	---	---	0.001E	0	0	0	0	0	0	0	---	---	27
28	---	---	0.001E	0	0	0	0	0	0	0	---	---	28
29	---		0.001E	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0		---	30
31	---		0		0		0	0		0			31
TOTAL	---	---	0.011	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.002	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.002B ON MAR 17
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 37 N
LONG 106 52 28 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.95	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.95 dam³

RADVILLE INDEX RESERVOIR - STATION NO. 05NA009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	29.335E	30.240E	30.187	30.059	29.910	29.833	29.651	29.485	29.326	29.303	---	1
2	---	29.335E	30.238E	30.182	30.057	29.904	29.825	29.644	29.477	29.323	29.301	---	2
3	---	29.335E	30.235E	30.176	30.050	29.899	29.816	29.637	29.469	29.320	29.300A	---	3
4	---	29.335E	30.232E	30.172	30.046	29.906	29.808	29.631	29.460	29.318	---	---	4
5	---	29.335E	30.230E	30.167	30.040	29.899	29.797	29.629	29.455	29.317	---	---	5
6	---	29.335E	30.228E	30.165	30.029	29.891	29.787	29.622	29.449	29.313	---	---	6
7	---	29.335E	30.225E	30.158	30.025	29.888	29.776	29.616	29.442	29.309	---	---	7
8	---	29.335E	30.222E	30.151	30.023	29.886	29.761	29.617	29.436	29.307	---	---	8
9	---	29.335E	30.220E	30.147	30.015	29.891	29.749	29.613	29.429	29.311	---	---	9
10	---	29.335E	30.218E	30.143	30.014	29.888	29.739	29.607	29.421	29.308	---	---	10
11	---	29.335E	30.215E	30.136	30.011	29.882	29.730	29.599	29.409	29.306	---	---	11
12	---	29.335E	30.212E	30.136	30.006	29.880	29.723	29.590	29.401	29.321	---	---	12
13	---	29.335E	30.210E	30.129	30.003	29.900	29.718	29.582	29.393	29.331	---	---	13
14	---	29.335E	30.209E	30.124	30.000	29.924	29.736	29.574	29.383	29.330	---	---	14
15	---	29.550E	30.207E	30.121	29.994	29.925	29.732	29.574	29.376	29.328	---	---	15
16	---	29.720E	30.205A	30.118	29.985	29.921	29.725	29.572	29.370	29.327	---	---	16
17	---	29.850E	30.202E	30.109	29.978	29.919	29.718	29.567	29.365	29.327	---	---	17
18	---	29.960E	30.200E	30.104	29.974	29.913	29.713	29.559	29.358	29.322	---	---	18
19	---	30.040E	30.198E	30.096	29.965	29.911	29.708	29.552	29.353	29.321	---	---	19
20	---	30.100E	30.195E	30.089	29.961	29.908	29.707	29.545	29.346	29.317	---	---	20
21	---	30.150E	30.192E	30.090	29.956	29.905	29.720	29.540	29.341	29.314	---	---	21
22	---	30.180E	30.190E	30.085	29.950	29.899	29.717	29.536	29.337	29.310	---	---	22
23	---	30.210E	30.188E	30.080	29.943	29.892	29.710	29.527	29.331	29.308	---	---	23
24	---	30.230E	30.185E	30.076	29.941	29.883	29.703	29.527	29.326	29.305	---	---	24
25	---	30.238A	30.182E	30.073	29.937	29.874	29.697	29.535	29.329	29.304	---	---	25
26	---	30.240E	30.180E	30.069	29.932	29.868	29.690	29.530	29.340	29.304	---	---	26
27	---	30.240E	30.210E	30.072	29.928	29.862	29.683	29.523	29.336	29.305	---	---	27
28	---	30.240E	30.205E	30.072	29.924	29.854	29.675	29.515	29.333	29.306	---	---	28
29	---		30.200E	30.071	29.919	29.848	29.669	29.507	29.329	29.306	---	---	29
30	---		30.195E	30.064	29.914	29.840	29.664	29.501	29.328	29.307	---	---	30
31	---		30.190A		29.914		29.657	29.493		29.304		---	31
MEAN	---	29.701	30.208	30.119	29.984	29.892	29.732	29.571	29.387	29.315	---	---	MEAN
MAX	---	30.240	30.240	30.187	30.059	29.925	29.833	29.651	29.485	29.331	---	---	MAX
MIN	---	29.335	30.180	30.064	29.914	29.840	29.657	29.493	29.326	29.304	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.240E ON FEB 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 35 N
LONG 104 16 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

RANCH CREEK NEAR ANNAHEIM - STATION NO. 05MA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0.004	0	0	0	0	0	0	0	---	---	29
30	---		0.002	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	---	0.007	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.004	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.004 ON MAR 29
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.011 AT 13:45 CST ON MAR 29

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 20 45 N
LONG 104 48 40 W
DRAINAGE AREA, 69.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.60	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.60 dam³

RED DEER RIVER NEAR ARCHERWILL - STATION NO. 05LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.113	2.26	0.697	0.001	0.030	0.077	0.164	0.051	---	1
2	---	---	0 B	0.085	1.49	0.627	0.001	0.043	0.135	0.373	0.042	---	2
3	---	---	0 B	0.075	1.51	0.183	0.001	0.032	0.001	0.039	0.032A	---	3
4	---	---	0 B	0.058	1.47	0.066	0.094	0.040	0.048	0.001	---	---	4
5	---	---	0 B	0.222	1.14	0.012	0.250	0.044	0.065	0.001	---	---	5
6	---	---	0 B	0.115	1.11	0.008	0.315	0.055	0.002	0.001	---	---	6
7	---	---	0 B	0.318	0.787	0.008	0.317	0.049	0.001	0.030	---	---	7
8	---	---	0 B	0.310	0.843	0.001	0.438	0.031	0.001	0.021	---	---	8
9	---	---	0 B	0.416	0.565	1.57	0.256	0.012	0.001	0.001	---	---	9
10	---	---	0.001B	0.531	0.591	0.008	0.186	0.028	0.001	0.001	---	---	10
11	---	---	0.004B	0.568	0.472	0.003	0.163	0.025	0.001	0.001	---	---	11
12	---	---	0.008B	0.615	0.470	0.001	0.144	0.002	0.001	0.022	---	---	12
13	---	---	0.008B	1.03	0.470	0.001	0.104	0.021	0.001	0.022	---	---	13
14	---	---	0.006B	0.774	0.380	0.008	0.157	0.001	0.001	0.006	---	---	14
15	---	---	0.006B	0.832	0.386	0.008	0.214	0.001	0.001	0.007	---	---	15
16	---	---	0.012B	0.864	1.69	0.006	0.130	0.001	0.001	0.108	---	---	16
17	---	---	0.048B	0.865	3.05	0.003	0.172	0.005	0.001	0.015	---	---	17
18	---	---	0.014B	0.927	3.78	0.002	0.198	0.022	0.001	0.019	---	---	18
19	---	---	0.002B	0.979	0.551	0.001	0.170	0.008	0.001	0.064	---	---	19
20	---	---	0.007B	1.10	0.446	2.46	0.077	0.001	0.001	0.002	---	---	20
21	---	---	0.025B	0.934	0.595	2.51	0.139	0.032	0.001	0.001	---	---	21
22	---	---	0.033B	0.998	0.326	0.020	0.197	0.012	0.005	0.042	---	---	22
23	---	---	0.001B	1.06	0.977	0.001	0.144	0.002	0.001	0.054	---	---	23
24	---	---	0.006B	1.10	1.56	0.001	0.014	0.001	0.001	0.063	---	---	24
25	---	---	0.059B	1.05	1.17	0.001	0.014	0.002	0.001	0.061	---	---	25
26	---	---	0.011B	0.997	0.112	0.038	0.054	0.001	0.020	0.065	---	---	26
27	---	---	0.005B	1.00	0.246	0.018	0.084	0.017	0.005	0.048	---	---	27
28	---	---	0.024B	1.01	0.615	0.001	0.112	0.161	0.007	0.041	---	---	28
29	---		0.044	1.20	0.759	0.001	0.035	0.097	0.128	0.039	---	---	29
30	---		0.060	1.63	0.765	0.001	0.001	0.001	0.010	0.049	---	---	30
31	---		0.076		0.982		0.002	0.001		0.051		---	31
TOTAL	---	---	0.460	21.776	31.568	8.265	4.184	0.778	0.521	1.412	---	---	TOTAL
MEAN	---	---	0.015	0.726	1.02	0.276	0.135	0.025	0.017	0.046	---	---	MEAN
MAX	---	---	0.076	1.63	3.78	2.51	0.438	0.161	0.135	0.373	---	---	MAX
MIN	---	---	0	0.058	0.112	0.001	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.281
MAXIMUM DAILY, 3.78 ON MAY 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.32 AT 20:41 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 06 N
LONG 103 41 49 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	361
FEB	---	AUG	67.2
MAR	39.7	SEP	45.0
APR	1 880	OCT	122
MAY	2 730	NOV	---
JUN	714	DEC	---

TOTAL DISCHARGE, 5 960 dam³

RED DEER RIVER NEAR ERWOOD - STATION NO. 05LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.136B	0.221B	0 274B	11.8 B	15.8	3.69	6.00	3.93	0.481	3.63	12.2	1.48 B	1
2	0.103B	0.131B	0.390B	11.7 B	15.1	3.61	5.63	4.40	0.434	3.39	12.0 B	1.43 B	2
3	0.110B	0.104B	0.421B	10.8 B	14.8	3.18	4.86	4.59	0.343	3.17	13.4 B	1.27 B	3
4	0.139B	0.117B	0.393B	11.9 B	15.6	2.72	4.34	4.35	0.284	2.86	12.0 B	1.05 B	4
5	0.204B	0.141B	0.377B	11.5 B	16.2	2.55	4.62	4.24	0.351	2.62	11.3 B	0.741B	5
6	0.173B	0.147B	0.324B	10.5 B	15.8	2.53	4.83	4.42	0.350	2.48	11.0 B	0.576B	6
7	0.374B	0.128B	0.412B	11.8 B	15.2	2.66	4.14	4.26	0.657	2.55	9.44B	0.591B	7
8	0.577B	0.102B	0.521B	11.7 B	14.0	2.57	3.49	4.56	0.801	2.44	8.18B	0.686B	8
9	0.507B	0.101B	0.563B	11.8 B	13.5	2.60	2.91	4.58	0.746	2.35	12.1 B	0.645B	9
10	0.171B	0.096B	0.416B	10.4 B	12.5	2.39	2.38	3.68	0.857	2.31	11.4 B	0.634B	10
11	0.148B	0.100B	0.224B	9.47B	11.5	2.31	2.04	2.94	0.893	2.23	9.58B	0.618B	11
12	0.337B	0.071B	0.237B	9.81B	10.4	2.16	1.79	2.53	0.717	3.54	8.26B	0.611B	12
13	0.381B	0.045B	0.327B	7.81B	9.88	1.90	1.55	2.20	0.640	6.47	7.39B	0.553B	13
14	0.262B	0.042B	0.236B	9.74B	9.14	1.88	1.35	1.88	0.564	9.70	6.34B	0.506B	14
15	0.188B	0.065B	0.260B	8.16B	8.91	1.91	1.75	1.67	0.498	14.3	6.91B	0.624B	15
16	0.187B	0.092B	0.166B	9.74B	8.07	1.70	2.21	1.49	0.389	16.7	5.83B	0.539B	16
17	0.197B	0.038B	0.211B	10.1 B	7.45	1.60	2.10	1.36	0.373	16.8	4.11B	0.496B	17
18	0.265B	0.051B	0.381B	11.5 B	7.13	1.61	4.38	1.23	0.472	16.8	4.92B	0.425B	18
19	0.486B	0.036B	0.428B	9.87	7.18	2.25	6.57	1.19	0.325	18.5	5.45B	0.260B	19
20	0.545B	0.063B	0.869B	9.61	6.42	2.33	7.84	1.12	0.214	18.8	4.99B	0.220B	20
21	0.420B	0.109B	0.903B	11.2	6.32	2.33	6.99	1.06	0.173	18.0	5.71B	0.133B	21
22	0.390B	0.106B	0.378B	11.5	9.23	3.19	6.18	1.03	0.172	15.9	4.45B	0.204B	22
23	0.377B	0.110B	0.582B	11.7	7.27	3.81	5.92	1.76	0.149	14.0 B	3.26B	0.168B	23
24	0.291B	0.105B	1.10 B	10.9	5.80	3.93	5.20	1.80	0.123	15.6 B	2.73B	0.138B	24
25	0.230B	0.122B	3.55 B	11.1	4.75	6.94	4.49	1.67	0.127	14.1 B	2.41B	0.150B	25
26	0.272B	0.127B	4.30 B	10.7	4.07	8.21	4.34	1.43	0.558	15.2 B	2.10B	0.189B	26
27	0.417B	0.246B	3.37 B	11.7	3.78	9.13	4.72	1.12	0.810	15.9 B	1.72B	0.182B	27
28	0.304B	0.238B	3.42 B	14.2	3.49	8.72	4.59	0.896	1.07	15.6 B	1.62B	0.170B	28
29	0.137B		9.82 B	15.5	3.28	7.42	4.06	0.744	2.70	14.7 B	2.11B	0.225B	29
30	0.287B		10.5 B	15.8	3.28	6.72	3.73	0.655	3.84	13.6	1.86B	0.223B	30
31	0.337B		13.2 B		3.89		3.88	0.578		13.0		0.211B	31
TOTAL	8.952	3.054	58.553	338.01	289.74	108.55	128.88	73.363	20.111	317.24	204.77	15.948	TOTAL
MEAN	0.289	0.109	1.89	11.1	9.35	3.62	4.16	2.37	0.670	10.2	6.83	0.514	MEAN
MAX	0.577	0.246	13.2	15.8	16.2	9.13	7.84	4.59	3.84	18.8	13.4	1.48	MAX
MIN	0.103	0.036	0.166	7.81	3.28	1.60	1.35	0.578	0.123	2.23	1.62	0.133	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.28
MAXIMUM DAILY, 18.8 ON OCT 20
MINIMUM DAILY, 0.036B ON FEB 19
MAXIMUM INSTANTANEOUS,
18.9 AT 12:26 CST ON OCT 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 36 N
LONG 102 11 39 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	773	JUL	11 100
FEB	264	AUG	6 340
MAR	5 060	SEP	1 740
APR	28 900	OCT	27 400
MAY	25 000	NOV	17 700
JUN	9 380	DEC	1 380

TOTAL DISCHARGE, 135 000 dam³

RED DEER RIVER NEAR STEEN - STATION NO. 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.077B	0.704B	2.21 B	1.07	0.262	0.123E	0.125E	0.140E	0.185E	---	1
2	---	---	0.077B	0.610B	2.24 B	1.18	0.238	0.118E	0.123E	0.100E	0.190E	---	2
3	---	---	0.077B	0.546B	2.63 B	0.962	0.193A	0.102E	0.120E	0.060E	0.199A	---	3
4	---	---	0.077B	0.469B	2.64	0.839	0.180E	0.099E	0.110E	0.030E	---	---	4
5	---	---	0.077B	0.468B	2.77	0.567	0.159E	0.090E	0.105E	0.025E	---	---	5
6	---	---	0.077B	0.547B	2.92	0.422	0.120E	0.083E	0.098E	0.022E	---	---	6
7	---	---	0.077B	0.588B	2.60	0.343	0.090E	0.075E	0.090E	0.021E	---	---	7
8	---	---	0.077B	0.557B	2.38	0.255	0.060E	0.070E	0.085E	0.021E	---	---	8
9	---	---	0.077B	0.484B	2.43	0.318	0.035E	0.065E	0.075E	0.022E	---	---	9
10	---	---	0.079B	0.476B	2.42	0.363	0.010E	0.061E	0.070E	0.030E	---	---	10
11	---	---	0.080B	0.582B	2.03	0.497	0.010E	0.057E	0.060E	0.060E	---	---	11
12	---	---	0.094B	0.693B	1.79	0.687	0.010E	0.050E	0.050E	0.180A	---	---	12
13	---	---	0.166B	0.827B	1.65	0.602	0.013E	0.045E	0.045E	0.403	---	---	13
14	---	---	0.225B	0.988B	1.56	0.723	0.018E	0.042E	0.042E	0.573	---	---	14
15	---	---	0.297B	1.03 B	1.34	0.874	0.025E	0.039E	0.040E	0.482	---	---	15
16	---	---	0.400B	1.15 B	1.10	0.950	0.040E	0.037E	0.040E	0.696	---	---	16
17	---	---	0.504B	1.19 B	1.72	0.845	0.055E	0.033E	0.040E	0.565	---	---	17
18	---	---	0.667B	1.22 B	3.98	0.749	0.070E	0.030E	0.040E	0.354	---	---	18
19	---	---	0.348B	1.19 B	5.41	0.682	0.090E	0.030E	0.040E	0.275	---	---	19
20	---	---	0.252B	1.18 B	1.82	0.622	0.111A	0.030E	0.040E	0.189A	---	---	20
21	---	---	0.212B	1.18 B	0.923	0.653	0.120E	0.030E	0.041E	0.080E	---	---	21
22	---	---	0.211B	1.33 B	0.517	2.45	0.130E	0.033E	0.042E	0.100E	---	---	22
23	---	---	0.210B	1.46 B	0.450	3.02	0.145E	0.039E	0.045E	0.167A	---	---	23
24	---	---	0.221B	1.54 B	0.492	1.76	0.150E	0.045E	0.048E	0.196A	---	---	24
25	---	---	0.246B	1.57 B	1.34	1.13	0.155E	0.055A	0.052E	0.193A	---	---	25
26	---	---	0.297B	1.63 B	1.75	0.762	0.155E	0.070E	0.065E	0.193A	---	---	26
27	---	---	0.376B	1.67 B	0.908	0.513	0.150E	0.085E	0.095E	0.170E	---	---	27
28	---	---	0.514B	1.65 B	0.711	0.362	0.148E	0.095E	0.157A	0.160E	---	---	28
29	---		0.615B	1.61 B	0.765	0.382	0.143E	0.105E	0.188E	0.150E	---	---	29
30	---		0.710B	1.75 B	0.880	0.318	0.140E	0.110E	0.170E	0.165E	---	---	30
31	---		0.744B		1.03		0.137E	0.120E		0.175E		---	31
TOTAL	---	---	8.161	30.849	57.406	24.900	3.362	2.066	2.341	5.947	---	---	TOTAL
MEAN	---	---	0.263	1.03	1.85	0.830	0.108	0.067	0.078	0.192	---	---	MEAN
MAX	---	---	0.744	1.75	5.41	3.02	0.262	0.123	0.188	0.696	---	---	MAX
MIN	---	---	0.077	0.468	0.450	0.255	0.010	0.030	0.040	0.021	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.551
MAXIMUM DAILY, 5.41 ON MAY 19
MINIMUM DAILY, 0.010E ON JUL 10
MAXIMUM INSTANTANEOUS,
6.65 AT 05:27 CST ON MAY 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 16 N
LONG 103 30 58 W
DRAINAGE AREA, 3 790 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	290
FEB	---	AUG	179
MAR	705	SEP	202
APR	2 670	OCT	514
MAY	4 960	NOV	---
JUN	2 150	DEC	---

TOTAL DISCHARGE, 11 700 dam³

REID LAKE NEAR DUNCAIRN - STATION NO. 05HD033

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	804.207E	804.300E	804.995	804.976	804.418	803.847	804.007	803.439	803.092	802.824	802.754	802.752	1
2	804.216E	804.302E	805.004	804.961	804.392	803.844	804.004	803.414	803.082	802.820	802.756	802.752	2
3	804.226E	804.302E	805.011	804.949	804.360	803.843	803.997	803.405	803.072	802.813	802.756	802.752	3
4	804.236E	804.304A	805.023	804.938	804.331	803.842	803.991	803.402	803.063	802.811	802.750	802.750	4
5	804.246E	804.307	805.028	804.927	804.306	803.843	803.986	803.391	803.054	802.807	802.745	802.750	5
6	804.255E	804.300	805.038	804.919	804.281	803.843	803.980	803.385	803.046	802.804	802.742	802.749	6
7	804.266A	804.292	805.049	804.906	804.248	803.842	803.974	803.377	803.040	802.801	802.740	802.747	7
8	804.271	804.290	805.056	804.892	804.233	803.842	803.962	803.363	803.032	802.795	802.740	802.747	8
9	804.271	804.285	805.062	804.876	804.213	803.844	803.927	803.354	803.023	802.787	802.741	802.747	9
10	804.276	804.284	805.071	804.859	804.177	803.844	803.886	803.347	803.012	802.781	802.743	802.746	10
11	804.281	804.283	805.084	804.839	804.154	803.846	803.864	803.340A	803.000	802.780	802.745	802.745	11
12	804.281	804.289	805.090	804.820	804.142	803.845	803.851	803.330E	802.988	802.781	802.746	802.745	12
13	804.286	804.291	805.098	804.801	804.127	803.847	803.847	803.320E	802.974	802.781	802.744	802.744	13
14	804.285	804.298	805.107	804.784	804.101	803.871	803.837	803.309E	802.962	802.782	802.740	802.743	14
15	804.282	804.304	805.116	804.766	804.052	803.896	803.812	803.298E	802.951A	802.784	802.740	802.742	15
16	804.284	804.339	805.127	804.749	804.044	803.921	803.790	803.286E	802.941	802.782	802.739	802.740	16
17	804.285	804.445	805.135	804.731	804.045	803.942	803.775	803.275E	802.933	802.776	802.741	802.737	17
18	804.287	804.544	805.135	804.709	804.031	803.960	803.752	803.264E	802.928	802.771	802.744	802.736	18
19	804.288	804.632	805.125	804.687	804.007	803.979	803.733	803.253E	802.920	802.767	802.749	802.738	19
20	804.289	804.717	805.114	804.665	803.985	803.999	803.713	803.242E	802.906	802.763	802.754	802.739	20
21	804.293	804.780	805.104	804.643	803.961	804.021	803.687	803.231E	802.893	802.759	802.757	802.737	21
22	804.294	804.828	805.092	804.623	803.938	804.034	803.658	803.220E	802.879	802.756	802.756	802.732	22
23	804.293	804.870	805.090	804.605	803.922	804.040	803.628	803.209E	802.871	802.754	802.756	802.730	23
24	804.295	804.899	805.084	804.584	803.905	804.037	803.597	803.198E	802.863	802.752	802.756	802.728	24
25	804.295	804.928	805.075	804.562	803.886	804.031	803.578	803.187E	802.856	802.749	802.757	802.725	25
26	804.295	804.952	805.056	804.540	803.869	804.024	803.556	803.176A	802.850	802.747	802.755	802.722	26
27	804.296	804.967	805.039	804.519	803.864	804.016	803.531	803.165	802.846	802.749	802.754	802.719	27
28	804.295A	804.981	805.021	804.492	803.861	804.013	803.505	803.150	802.840	802.750	802.753	802.715	28
29	804.295E		805.008	804.464	803.857	804.015	803.485	803.135	802.833	802.752	802.753	802.713	29
30	804.296E		804.995	804.439	803.854	804.015	803.475	803.120	802.828	802.752	802.752	802.709	30
31	804.299E		804.988		803.850		803.458	803.106		802.752		802.708	31
MEAN	804.276	804.511	805.065	804.741	804.078	803.926	803.769	803.280	802.953	802.777	802.749	802.737	MEAN
MAX	804.299	804.981	805.135	804.976	804.418	804.040	804.007	803.439	803.092	802.824	802.757	802.752	MAX
MIN	804.207	804.283	804.988	804.439	803.850	803.842	803.458	803.106	802.828	802.747	802.739	802.708	MIN

WATER LEVELS IN METRES

MEAN, 803.734
MAXIMUM DAILY, 805.135 ON MAR 17
MINIMUM DAILY, 802.708 ON DEC 31
MAXIMUM INSTANTANEOUS,
805.139 AT 17:08 CST ON MAR 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 25 N
LONG 108 02 47 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1945

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

REINDEER RIVER AT OUTLET OF REINDEER LAKE - STATION NO. 06DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	447	437	427	415	354	184	187	261	364	403	436	426	1
2	447	437	427	415	354	184	187	261	364	403	436	428	2
3	447	437	428	413	354	228	187	261	366	399	441	426	3
4	447	437	428	415	352	240	187	261	364	406	441	426	4
5	447	437	425	413	352	242	187	261	363	406	441	425	5
6	447	437	427	415	354	242	187	260	364	406	438	426	6
7	446	435	425	415	330	242	187	261	371	406	438	426	7
8	447	435	425	413	330	242	187	260	364	406	436	426	8
9	446	435	424	413	321	242	187	261	363	406	433	421	9
10	445	435	423	388	321	242	187	259	372	403	435	425	10
11	445	434	423	354	290	242	188	266	415	403	433	423	11
12	444	430	422	356	290	242	187	257	415	403	433	425	12
13	445	430	422	356	290	242	188	257	415	403	435	421	13
14	445	430	422	356	291	243	187	261	415	403	433	421	14
15	445	432	423	356	292	243	188	258	413	403	474	421	15
16	442	432	423	356	270	199	188	261	406	403	438	421	16
17	444	432	423	356	236	187	187	258	410	434	435	420	17
18	444	433	422	356	237	186	187	258	413	448	433	421	18
19	442	429	420	354	239	186	190	260	415	448	430	421	19
20	442	429	419	354	239	186	189	257	406	448	423	421	20
21	440	430	419	354	239	185	188	260	344	448	428	418	21
22	440	429	417	354	239	184	192	261	330	451	431	418	22
23	440	432	417	354	239	186	192	260	332	448	430	416	23
24	440	430	417	354	239	187	191	260	332	450	430	416	24
25	442	430	418	354	239	185	188	261	332	448	428	414	25
26	440	429	415	354	239	185	187	258	332	446	430	414	26
27	440	428	417	354	240	187	246	260	332	445	428	410	27
28	440	428	417	354	195	186	258	255	330	443	426	410	28
29	437		418	354	183	186	265	255	326	445	425	409	29
30	437		418	352	184	185	263	262	389	443	428	410	30
31	437		417		184		261	349		438		410	31
TOTAL	13 737	12 109	13 068	11 207	8 516	6 300	6 180	8 140	11 157	13 145	13 026	13 015	TOTAL
MEAN	443	432	422	374	275	210	199	263	372	424	434	420	MEAN
MAX	447	437	428	415	354	243	265	349	415	451	474	428	MAX
MIN	437	428	415	352	183	184	187	255	326	399	423	409	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 355
MAXIMUM DAILY, 474 ON NOV 15
MINIMUM DAILY, 183 ON MAY 29

DATA CONTRIBUTED BY -
CHURCHILL RIVER POWER COMPANY

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 14 00 N
LONG 103 09 00 W
DRAINAGE AREA, 60 500 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 190 000	JUL	534 000
FEB	1 050 000	AUG	703 000
MAR	1 130 000	SEP	964 000
APR	968 000	OCT	1 140 000
MAY	736 000	NOV	1 130 000
JUN	544 000	DEC	1 120 000

TOTAL DISCHARGE, 11 200 000 dam³

RICHARDSON DITCH NEAR CONSUL - STATION NO. 11AB058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.23	0.002	0.001	0.002	0.001	0	---	---	1
2	---	---	0	0	1.19	0.003	0.001	0.002	0.001	0	---	---	2
3	---	---	0	0	1.14	0.002	0.001	0.002	0.001	0	---	---	3
4	---	---	0	0	1.06	0.001	0.001	0.002	0	0	---	---	4
5	---	---	0	0	1.08	0.001	0.001	0.002	0	0	---	---	5
6	---	---	0	0	1.05	0.002	0.001	0.001	0	0	---	---	6
7	---	---	0	0	0.924	0.002	0.002	0.001	0	0	---	---	7
8	---	---	0	0	0.913	0.002	0.002	0.002	0	0	---	---	8
9	---	---	0	0	0.887	0.001	0.002	0.002	0	0	---	---	9
10	---	---	0	0	0.842	0.001	0.002	0.002	0	0	---	---	10
11	---	---	0	0.001E	0.814	0.001	0.003	0.002	0	0	---	---	11
12	---	---	0	0.001E	0.814	0.001	0.003	0.002	0	0	---	---	12
13	---	---	0	0.001E	0.757	0.002	0.003	0.002	0	0	---	---	13
14	---	---	0	0.001E	0.610	0.002	0.003	0.002	0	0	---	---	14
15	---	---	0	0.001E	0.372	0.002	0.003	0.002	0	0	---	---	15
16	---	---	0	0.002E	0.241	0.003	0.003	0.002	0	0	---	---	16
17	---	---	0	0.002E	0.154	0.003	0.003	0.002	0	0	---	---	17
18	---	---	0	0.002E	0.216	0.002	0.003	0.002	0	0	---	---	18
19	---	---	0	0.002E	0.044	0.002	0.002A	0.002	0	0	---	---	19
20	---	---	0	0.002E	0.005	0.002	0.002E	0.002	0	0	---	---	20
21	---	---	0	0.002A	0.004	0.001	0.002A	0.002	0	0	---	---	21
22	---	---	0	0.002	0.001	0.001	0.002	0.002	0	0	---	---	22
23	---	---	0	0.002	0.002	0.001	0.002	0.002	0	0	---	---	23
24	---	---	0	0.002	0.002	0.001	0.002	0.002	0	0	---	---	24
25	---	---	0	0.002	0.002	0.001	0.002	0.003	0	0	---	---	25
26	---	---	0	0.002	0.002	0	0.001	0.003	0	0	---	---	26
27	---	---	0	0.895	0.002	0.001	0.002	0.002	0	0	---	---	27
28	---	---	0	1.19	0.001	0.001	0.003	0.002	0	0	---	---	28
29	---		0	1.17	0.002	0.001	0.002	0.002	0	0	---	---	29
30	---		0	1.22	0.002	0.001	0.002	0.001	0	0	---	---	30
31	---		0		0.002		0.002	0.001		0		---	31
TOTAL	---	---	0	4.502	14.365	0.046	0.064	0.060	0.003	0	---	---	TOTAL
MEAN	---	---	0	0.150	0.463	0.002	0.002	0.002	0	0	---	---	MEAN
MAX	---	---	0	1.22	1.23	0.003	0.003	0.003	0.001	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0.001	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.078
MAXIMUM DAILY, 1.23 ON MAY 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 50 N
LONG 109 32 12 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.53
FEB	---	AUG	5.18
MAR	0	SEP	0.26
APR	389	OCT	0
MAY	1 240	NOV	---
JUN	3.97	DEC	---

TOTAL DISCHARGE, 1 640 dam³

RIDALLS TRIBUTARY BELOW GREENLEIGH RESERVOIR - STATION NO. 05HF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W
DRAINAGE AREA, 26.9 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

RIDGE CREEK NEAR BRIDGEFORD - STATION NO. 05JG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.010B	0.126B	0.015	0.007	0.004	0.005	0.003	0.001E	0.003	0.002	---	1
2	---	0.009B	0.101B	0.011	0.008	0.007	0.004	0.001	0.001E	0.003	0.002	---	2
3	---	0.009B	0.094B	0.012	0.008	0.006	0.003	0.002	0.002E	0.004	0.003	---	3
4	---	0.009B	0.089B	0.011	0.007	0.004	0.003	0.003	0.002E	0.003	0.003	---	4
5	---	0.009B	0.077B	0.009	0.008	0.002	0.002	0.003	0.002E	0.003	0.003A	---	5
6	---	0.009B	0.067B	0.009	0.008	0.003	0.002	0.003	0.002E	0.004	---	---	6
7	---	0.009B	0.059B	0.009	0.008	0.003	0.002	0.002	0.002E	0.001	---	---	7
8	---	0.009B	0.045B	0.008	0.006	0.005	0.002	0.010	0.002E	0.002	---	---	8
9	---	0.008B	0.038B	0.006	0.009	0.004	0.001	0.010	0.002E	0.003	---	---	9
10	---	0.008B	0.038B	0.005	0.009	0.003	0.001	0.009	0.002E	0.003	---	---	10
11	---	0.007B	0.055B	0.005	0.010	0.003	0	0.008	0.002E	0.003	---	---	11
12	---	0.006B	0.058B	0.006	0.010	0.002	0	0.007	0.002E	0.004	---	---	12
13	---	0.007B	0.051B	0.006	0.008	0.005	0.002	0.004	0.003E	0.007	---	---	13
14	---	0.007B	0.056B	0.009	0.009	0.008	0.005	0.004	0.003E	0.006	---	---	14
15	---	0.007B	0.029B	0.007	0.011	0.007	0.004	0.001	0.003E	0.005	---	---	15
16	---	0.006B	0.038B	0.007	0.010	0.005	0.005	0.003	0.003E	0.004	---	---	16
17	---	0.016B	0.051	0.006	0.009	0.003	0.005	0	0.003E	0.004	---	---	17
18	---	0.027B	0.047	0.006	0.010	0.004	0.005	0.003	0.003E	0.004	---	---	18
19	---	0.033B	0.038	0.005	0.010	0.004	0.362	0.006	0.003E	0.004	---	---	19
20	0.010B	0.285B	0.029	0.005	0.005	0.004	0.047	0.003	0.003E	0.003	---	---	20
21	0.010B	0.523B	0.023	0.004	0.005	0.005	0.124	0.002	0.003E	0.003	---	---	21
22	0.010B	0.809B	0.025	0.006	0.002	0.005	0.043	0.001	0.003E	0.003	---	---	22
23	0.010B	0.582B	0.026	0.006	0.002	0.005	0.023	0.003	0.004E	0.003	---	---	23
24	0.010B	0.517B	0.029	0.007	0.004	0.004	0.011	0.002	0.004E	0.003	---	---	24
25	0.010B	0.391B	0.033	0.007	0.003	0.005	0.016	0.003	0.004E	0.003	---	---	25
26	0.010B	0.234B	0.033	0.008	0.003	0.004	0.011	0.003	0.004E	0.003	---	---	26
27	0.010B	0.190B	0.030	0.009	0.003	0.005	0.008	0.001	0.004	0.002	---	---	27
28	0.010B	0.154B	0.027	0.007	0.004	0.004	0.005	0.001	0.004	0.002	---	---	28
29	0.010B		0.024	0.007	0.006	0.003	0.010	0.001E	0.003	0.002	---	---	29
30	0.010B		0.021	0.008	0.007	0.004	0.007	0.001E	0.005	0.002	---	---	30
31	0.010B		0.018		0.005		0.004	0.001E		0.002		---	31
TOTAL	---	3.890	1.475	0.226	0.214	0.130	0.722	0.104	0.084	0.101	---	---	TOTAL
MEAN	---	0.139	0.048	0.008	0.007	0.004	0.023	0.003	0.003	0.003	---	---	MEAN
MAX	---	0.809	0.126	0.015	0.011	0.008	0.362	0.010	0.005	0.007	---	---	MAX
MIN	---	0.006	0.018	0.004	0.002	0.002	0	0	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.362 ON JUL 19
MINIMUM DAILY, 0 ON JUL 11
MAXIMUM INSTANTANEOUS,
2.08 AT 08:15 CST ON JUL 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 05 N
LONG 106 19 46 W
DRAINAGE AREA, 461 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	62.4
FEB	336	AUG	8.99
MAR	127	SEP	7.26
APR	19.5	OCT	8.73
MAY	18.5	NOV	---
JUN	11.2	DEC	---

TOTAL DISCHARGE, 264 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.062B	0.031B	0.708B	0	0.099	0.425	0.057	0.001	0	0.001	0.037	0.025B	1
2	0.059B	0.028B	0.566B	0.235	0.093	2.07	0.051	0	0	0.001	0.037	0.028B	2
3	0.059B	0.025B	0.510B	0.218	0.088	1.13	0.042	0.001	0	0.001	0.037	0.028B	3
4	0.054B	0.024B	0.453B	0.207	0.082	0.651	0.037	0.001	0	0.001	0.037	0.025B	4
5	0.054B	0.023B	0.453B	0.198	0.079	0.396	0.028	0.002	0	0.001	0.037	0.025B	5
6	0.054B	0.023B	0.425B	0.181	0.079	0.272	0.025	0.001	0	0.001	0.037	0.028B	6
7	0.051B	0.021B	0.396B	0.167	0.082	0.207	0.023	0.001	0	0.001	0.034	0.025B	7
8	0.051B	0.020B	0.340B	0.153	0.088	0.173	0.018	0	0	0.001	0.031	0.023B	8
9	0.048B	0.018B	0.311B	0.147	0.082	0.167	0.016	0	0	0.001	0.034	0.023B	9
10	0.048B	0.017B	0.283B	0.130	0.093	0.178	0.014	0	0	0.001	0.034	0.025B	10
11	0.048B	0.016B	0.227B	0.122	0.088	0.170	0.013	0	0	0.001	0.031	0.023B	11
12	0.045B	0.014B	0.198B	0.116	0.105	0.127	0.013	0	0	0.004	0.034	0.020B	12
13	0.045B	0.014B	0.198B	0.113	0.116	0.122	0.019	0	0	0.005	0.034	0.020B	13
14	0.045B	0.057B	0.227B	0.113	0.113	0.110	0.020	0	0	0.003	0.037	0.018B	14
15	0.042B	0.142B	0.227B	0.110	0.113	0.156	0.453	0	0	0.002	0.037	0.017B	15
16	0.042B	0.283B	0.227B	0.113	0.110	0.595	0.340	0	0	0.002	0.037	0.017B	16
17	0.042B	4.81 B	0.340B	0.110	0.105	0.651	0.105	0	0	0.001	0.037	0.020B	17
18	0.042B	18.1 B	0.283B	0.105	0.108	0.510	0.059	0	0	0.001	0.028B	0.017B	18
19	0.042B	13.6 B	0.227B	0.099	0.096	0.368	0.048	0	0	0.001	0.025B	0.020B	19
20	0.045B	12.5 B	0.198B	0.099	0.088	0.311	0.034	0	0	0.001	0.025B	0.023B	20
21	0.048B	8.50 B	0.170B	0.099	0.085	0.238	0.024	0	0	0.001	0.028B	0.020B	21
22	0.054B	5.38 B	0.198B	0.099	0.076	0.181	0.018	0	0	0.001	0.031B	0.017B	22
23	0.059B	3.96 B	0.212B	0.102	0.062	0.147	0.013	0	0	0.008	0.031B	0.017B	23
24	0.059B	2.83 B	0.198B	0.105	0.057	0.125	0.010	0	0	0.028	0.028B	0.017B	24
25	0.065B	1.98 B	0.227B	0.105	0.054	0.108	0.008	0	0.001	0.028	0.025B	0.017B	25
26	0.065B	1.56 B	0.255B	0.108	0.051	0.091	0.006	0	0.001	0.031	0.023B	0.014B	26
27	0.059B	1.27 B	0.269B	0.108	0.048	0.079	0.004	0	0.001	0.031	0.020B	0.013B	27
28	0.054B	0.991B	0.255B	0.105	0.045	0.082	0.003	0	0.001	0.034	0.020B	0.011B	28
29	0.045B		0.241	0.099	0.040	0.076	0.002	0	0.001	0.031	0.023B	0.011B	29
30	0.040B		0.238	0.099	0.040	0.068	0.002	0	0.001	0.031	0.025B	0.010B	30
31	0.034B		0.235		0.048		0.001	0		0.031		0.010B	31
TOTAL	1.560	76.237	9.295	3.765	2.513	9.984	1.506	0.007	0.006	0.286	0.934	0.607	TOTAL
MEAN	0.050	2.72	0.300	0.126	0.081	0.333	0.049	0	0	0.009	0.031	0.020	MEAN
MAX	0.065	18.1	0.708	0.235	0.116	2.07	0.453	0.002	0.001	0.034	0.037	0.028	MAX
MIN	0.034	0.014	0.170	0	0.040	0.068	0.001	0	0	0.001	0.020	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.292
MAXIMUM DAILY, 18.1B ON FEB 18
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
25.8B AT 08:30 CST ON FEB 18

DATA CONTRIBUTED BY -
UNITED STATES GEOLOGICAL SURVEY

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 10 N
LONG 106 49 50 W
DRAINAGE AREA, 839 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	135	JUL	130
FEB	6 590	AUG	0.60
MAR	803	SEP	0.52
APR	325	OCT	24.7
MAY	217	NOV	80.7
JUN	863	DEC	52.4

TOTAL DISCHARGE, 9 220 dam³

ROMANCE CREEK NEAR WATSON - STATION NO. 05MA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.004B	0	0	0	0.002	0	0	---	---	1
2	---	0 B	0 B	0.003B	0	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.002B	0	0	0	0	0	0	---	---	3
4	---	0 B	0 B	0.001B	0	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0 B	0	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0 B	0	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0 B	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.005B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.010B	0	0	0.001	0	0	0	0	---	---	14
15	---	0 B	0.020B	0	0	0.001	0	0	0	0	---	---	15
16	---	0 B	0.021B	0	0	0.001	0	0	0	0	---	---	16
17	---	0 B	0.009B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.006B	0	0	0	0	0.002	0	0	---	---	18
19	---	0 B	0.005B	0	0	0	0	0.001	0	0	---	---	19
20	---	0.001B	0.005B	0	0	0	0	0	0	0	---	---	20
21	---	0.002B	0.004B	0	0	0	0	0	0	0	---	---	21
22	---	0.003B	0.004B	0	0	0	0	0	0	0	---	---	22
23	---	0.002B	0.004B	0	0	0	0	0	0	0	---	---	23
24	---	0.001B	0.003B	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0.006B	0	0	0	0	0	0	0	---	---	28
29	---		0.008B	0	0	0	0	0	0	0	---	---	29
30	---		0.005B	0	0	0	0	0	0	0		---	30
31	---		0.005B		0		0.006	0		0		---	31
TOTAL	---	0.009	0.131	0.010	0	0.003	0.006	0.005	0	0	---	---	TOTAL
MEAN	---	0	0.004	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.003	0.021	0.004	0	0.001	0.006	0.002	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.021B ON MAR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.035 AT 01:19 CST ON JUL 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 37 N
LONG 104 33 11 W
DRAINAGE AREA, 505 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	0.78	AUG	0.43
MAR	11.3	SEP	0
APR	0.86	OCT	0
MAY	0	NOV	---
JUN	0.26	DEC	---

TOTAL DISCHARGE, 13.4 dam³

ROUGHBARK RESERVOIR NEAR WEYBURN - STATION NO. 05NB016

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	565.170E	565.153E	565.251	565.260	565.215E	565.051	564.946	564.348	564.027	563.920E	563.909	563.916	1
2	---	565.153E	565.247	565.262	565.212E	565.041	564.940	564.336	564.025A	563.919E	563.908	563.920A	2
3	---	565.152A	565.251	565.255	565.208E	565.029	564.933	564.324	564.020E	563.918E	563.907	---	3
4	---	565.152E	565.250	565.252	565.204E	565.034	564.927	564.310	564.014A	563.917E	563.905	---	4
5	---	565.151E	565.246	565.252	565.200E	565.021	564.920	564.301	564.009A	563.916E	563.901	---	5
6	---	565.151E	565.244	565.250E	565.198E	565.008	564.912	564.289	564.002A	563.915A	563.899	---	6
7	---	565.150E	565.245	565.265E	565.190E	564.995	564.904A	564.274	563.994A	563.915	563.896	---	7
8	---	565.150E	565.246	565.262E	565.185E	564.984	564.877E	564.260	563.989A	563.913	563.895	---	8
9	---	565.149E	565.246	565.260E	565.180E	564.978	564.841E	564.248	563.983A	563.912	563.895	---	9
10	---	565.149E	565.246	565.256E	565.175E	564.971	564.806E	564.239	563.978A	563.913	563.895	---	10
11	---	565.148E	565.249	565.252E	565.169E	564.962	564.771E	564.231	563.972A	563.913	563.895	---	11
12	---	565.148E	565.247	565.249E	565.163E	564.954	564.735E	564.220	563.965A	563.921	563.894	---	12
13	---	565.148E	565.243	565.246E	565.156E	564.968	564.701E	564.208	563.960A	563.934	563.894	---	13
14	---	565.150E	565.245	565.243E	565.150E	564.991	564.666A	564.198A	563.954A	563.932	563.894	---	14
15	---	565.160E	565.244	565.240E	565.143E	565.001A	564.637E	564.188E	563.949A	563.929	563.894	---	15
16	---	565.180E	565.244	565.236E	565.137E	565.000E	564.611E	564.178E	563.945A	563.927	563.895	---	16
17	---	565.200E	565.240	565.232E	565.131E	564.999E	564.585E	564.168E	563.942A	563.924	563.895	---	17
18	---	565.220E	565.240	565.228E	565.124E	564.998E	564.559E	564.156A	563.938A	563.922	563.897	---	18
19	---	565.230E	565.238	565.224E	565.118E	564.997A	564.532E	564.143	563.934A	563.920	563.904	---	19
20	---	565.235E	565.236	565.220E	565.112A	564.996	564.505E	564.131	563.931E	563.917	563.904	---	20
21	---	565.240E	565.234	565.216E	565.108	564.997	564.480E	564.117	563.929A	563.915	563.909	---	21
22	---	565.244E	565.231	565.212E	565.104	564.995	564.457A	564.105	563.927E	563.913	563.910	---	22
23	---	565.248E	565.237	565.208E	565.103	564.991	564.450	564.092	563.927E	563.912	563.910	---	23
24	---	565.251E	565.238	565.204E	565.105	564.985	564.435	564.083	563.927E	563.913	563.910	---	24
25	---	565.253A	565.238	565.200E	565.104	564.979	564.422	564.075	563.927E	563.913	563.912	---	25
26	---	565.252	565.233	565.198E	565.101	564.971	564.409	564.068	563.925E	563.912	563.917	---	26
27	---	565.252	565.236	565.195E	565.094	564.967	564.395	564.061	563.924E	563.912	563.916	---	27
28	---	565.251	565.256	565.200A	565.086	564.962	564.380	564.054	563.924E	563.912	563.916	---	28
29	---		565.261	565.220E	565.074	564.958	564.374	564.048	563.922A	563.910	563.917	---	29
30	---		565.261	565.218E	565.068	564.952	564.371	564.042	563.921E	563.910	563.918	563.914A	30
31	565.154E		565.265		565.061		564.362	564.034		563.910		563.914E	31
MEAN	---	565.190	565.245	565.234	565.141	564.991	564.640	564.178	563.959	563.917	563.904	---	MEAN
MAX	---	565.253	565.265	565.265	565.215	565.051	564.946	564.348	564.027	563.934	563.918	---	MAX
MIN	---	565.148	565.231	565.195	565.061	564.952	564.362	564.034	563.921	563.910	563.894	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 565.265 ON MAR 31
MINIMUM DAILY, 563.894 ON NOV 12
MAXIMUM INSTANTANEOUS,
565.268 AT 08:07 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 08 N
LONG 103 43 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ROUND LAKE NEAR WHITEWOOD - STATION NO. 05JM007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	441.410	441.490E	441.505E	441.679	441.715	441.714	441.911	442.311	442.298	442.168	441.987	441.572	1
2	441.411	441.498E	441.506E	441.684	441.716	441.713	441.925	442.315	442.284	442.163	441.962	441.572	2
3	441.414	441.497A	441.506E	441.686	441.717	441.715	441.941	442.320	442.268	442.160	441.943	441.569	3
4	441.410	441.497E	441.507A	441.692	441.718	441.719	441.957	442.354	442.254	442.156	441.918	441.562	4
5	441.406	441.497E	441.507	441.695	441.716	441.731	441.971	442.404	442.241	442.155	441.897	441.556	5
6	441.402A	441.498E	441.508	441.697	441.716	441.729	441.981	442.408	442.231	442.148	441.879	441.553	6
7	441.405E	441.498E	441.508	441.699	441.716	441.736	441.993	442.405	442.221	442.135	441.857	441.551	7
8	441.409E	441.498E	441.507	441.699	441.713	441.729	442.003	442.395	442.212	442.138	441.833	441.549	8
9	441.412E	441.498E	441.506	441.703	441.710	441.729	442.002	442.386	442.203	442.146	441.812	441.547	9
10	441.416E	441.499E	441.507	441.707	441.706	441.731	442.011	442.379	442.198	442.145	441.796	441.548	10
11	441.419E	441.499E	441.524	441.708	441.700	441.735	442.018	442.375	442.197	442.142	441.782	441.552	11
12	441.422E	441.499E	441.544	441.712	441.699	441.736	442.026	442.368	442.195	442.153	441.767	441.552	12
13	441.426E	441.499E	441.566	441.715	441.699	441.735	442.035	442.360	442.194	442.155	441.749	441.550	13
14	441.429E	441.499E	441.581	441.715	441.699	441.766	442.046	442.354	442.192	442.151	441.733	441.545	14
15	441.433E	441.500E	441.589	441.716	441.693	441.779	442.056	442.348	442.189	442.155	441.721	441.542	15
16	441.436E	441.500E	441.595	441.718	441.690	441.789	442.063	442.344	442.188	442.151	441.704	441.542	16
17	441.439E	441.500E	441.601	441.721	441.692	441.795	442.075	442.345	442.187	442.144	441.688	441.538	17
18	441.443E	441.500E	441.606	441.718	441.695	441.799	442.091	442.345	442.187	442.138	441.676	441.535	18
19	441.446E	441.501E	441.609	441.719	441.698	441.806	442.115	442.343	442.184	442.132	441.665	441.534	19
20	441.449E	441.501E	441.613	441.720	441.695	441.810	442.145	442.342	442.181	442.117	441.654	441.536	20
21	441.453E	441.501E	441.618	441.713	441.694	441.820	442.175	442.338	442.179	442.106	441.637	441.532	21
22	441.456E	441.501E	441.618	441.712	441.695	441.829	442.209	442.339	442.176	442.098	441.630	441.533	22
23	441.460E	441.502E	441.623	441.711	441.695	441.838	442.241	442.347	442.173	442.091	441.624	441.531	23
24	441.463E	441.502E	441.627	441.710	441.700	441.848	442.259	442.349	442.169	442.083	441.613	441.528	24
25	441.466E	441.502A	441.633	441.707	441.706	441.856	442.268	442.349	442.170	442.080	441.609	441.527	25
26	441.470E	441.503E	441.636	441.707	441.706	441.864	442.275	442.349	442.190	442.075	441.607	441.526	26
27	441.473E	441.503E	441.645	441.706	441.704	441.872	442.282	442.346	442.186	442.065	441.599	441.526	27
28	441.477E	441.504E	441.660	441.704	441.707	441.883	442.286	442.340	442.184	442.064	441.589	441.523	28
29	441.480E		441.666	441.711	441.713	441.893	442.291	442.331	442.176	442.060	441.578	441.520	29
30	441.483E		441.671	441.715	441.714	441.900	442.302	442.318	442.173	442.052	441.574	441.518	30
31	441.487E		441.675		441.716		442.308	442.309		442.012		441.517	31
MEAN	441.439	441.499	441.579	441.707	441.705	441.787	442.105	442.352	442.203	442.121	441.736	441.541	MEAN
MAX	441.487	441.504	441.675	441.721	441.718	441.900	442.308	442.408	442.298	442.168	441.987	441.572	MAX
MIN	441.402	441.490	441.505	441.679	441.690	441.713	441.911	442.309	442.169	442.012	441.574	441.517	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 441.817
MAXIMUM DAILY, 442.408 ON AUG 6
MINIMUM DAILY, 441.402A ON JAN 6
MAXIMUM INSTANTANEOUS,
442.411 AT 15:17 CST ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 32 55 N
LONG 102 21 34 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BUSHLAKE CREEK ABOVE HIGHFIELD RESERVOIR - STATION NO. 05JC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.071B	0.036	0.006	0.004	0	0.002	0	0	---	---	1
2	---	0 B	0.052B	0.036	0.005	0.003	0	0.001	0	0	---	---	2
3	---	0 B	0.039B	0.029	0.005	0.003	0	0.001	0	0	---	---	3
4	---	0 B	0.031B	0.026	0.004	0.002	0	0	0	0	---	---	4
5	---	0 B	0.029B	0.025	0.004	0.002	0	0	0	0	---	---	5
6	---	0 B	0.027B	0.031	0.002	0.002	0	0	0	0	---	---	6
7	---	0 B	0.025B	0.035	0.001	0.002	0	0	0	0	---	---	7
8	---	0 B	0.024B	0.049	0.002	0.003	0	0	0	0	---	---	8
9	---	0 B	0.025B	0.047	0.002	0.003	0	0	0	0	---	---	9
10	---	0 B	0.028B	0.046	0.002	0.002	0	0	0	0	---	---	10
11	---	0 B	0.030B	0.042	0.002	0.002	0	0	0	0	---	---	11
12	---	0 B	0.034B	0.038	0.002	0.001	0	0	0	0	---	---	12
13	---	0 B	0.033B	0.030	0.002	0.003	0	0	0	0	---	---	13
14	---	0 B	0.034	0.027	0.002	0.008	0	0	0	0	---	---	14
15	---	0 B	0.034	0.025	0.002	0.029	0.001	0	0	0	---	---	15
16	---	0.200B	0.034	0.026	0.002	0.050	0.002	0	0	0	---	---	16
17	---	5.00 B	0.032	0.020	0.002	0.030	0.002	0	0	0	---	---	17
18	---	3.30 B	0.031	0.017	0.002	0.023	0.002	0.002	0	0	---	---	18
19	---	2.01 B	0.029	0.012	0.001	0.014	0.060	0	0	0	---	---	19
20	---	2.37 B	0.027	0.020	0.001	0.010	0.004	0	0	0	---	---	20
21	---	1.25 B	0.027	0.021	0.001	0.007	0.012	0	0	0	---	---	21
22	---	0.497B	0.025	0.014	0.001	0.004	0.005	0	0	0	---	---	22
23	---	0.198B	0.026	0.007	0	0.003	0.004	0	0	0	---	---	23
24	---	0.155B	0.028	0.010	0	0.002	0.003	0	0	0	---	---	24
25	---	0.185B	0.029	0.012	0	0.001	0.003	0	0	0	---	---	25
26	---	0.191B	0.028	0.013	0	0.001	0.003	0	0	0	---	---	26
27	---	0.104B	0.029	0.014	0	0	0.002	0	0	0	---	---	27
28	---	0.067B	0.106	0.014	0	0	0.002	0	0	0	---	---	28
29	---		0.064	0.010	0	0	0.003	0	0	0	---	---	29
30	---		0.047	0.008	0.001	0	0.013	0	0	0	---	---	30
31	---		0.046		0.001		0.002	0		0			31
TOTAL	---	15.527	1.124	0.740	0.055	0.214	0.123	0.006	0	0	---	---	TOTAL
MEAN	---	0.555	0.036	0.025	0.002	0.007	0.004	0	0	0	---	---	MEAN
MAX	---	5.00	0.106	0.049	0.006	0.050	0.060	0.002	0	0	---	---	MAX
MIN	---	0	0.024	0.007	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DI _HARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.106 ON MAR 28
MINIMUM DAILY, 0 ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 107 28 06 W
DRAINAGE AREA, 323 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.6
FEB	1 340	AUG	0.52
MAR	97.1	SEP	0
APR	63.9	OCT	0
MAY	4.75	NOV	---
JUN	18.5	DEC	---

TOTAL DISCHARGE, 195 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

RUSSELL CREEK NEAR VANGUARD - STATION NO. 05JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.007B	0.052	0.028	0.054	0	0	0	0	---	---	1
2	---	0	0.008B	0.054	0.027	0.059	0	0	0	0	---	---	2
3	---	0	0.012B	0.054	0.025	0.057	0	0	0	0	---	---	3
4	---	0	0.010B	0.051	0.080	0.056	0	0	0	0	---	---	4
5	---	0	0.006B	0.049	0.060	0.053	0	0	0	0	---	---	5
6	---	0	0.004B	0.051	0.049	0.040	0	0	0	0	---	---	6
7	---	0	0.003B	0.044	0.044	0.040	0	0	0	0	---	---	7
8	---	0	0.002B	0.045	0.036	0.039	0	0	0	0	---	---	8
9	---	0	0.002B	0.042	0.028	0.033	0	0	0	0	---	---	9
10	---	0	0.002B	0.034	0.025	0.023	0	0	0	0	---	---	10
11	---	0	0.002B	0.030	0.022	0.014	0	0	0	0	---	---	11
12	---	0	0.002B	0.027	0.065	0.010	0	0	0	0	---	---	12
13	---	0	0.001B	0.021	0.105	0.009	0	0	0	0	---	---	13
14	---	0	0.001B	0.020	0.111	0.009	0	0	0	0	---	---	14
15	---	0	0.001B	0.020	0.113	0.006	0						15
16	---	0	0.001B	0.020	0.119	0.006	0	0	0	0	---	---	16
17	---	0	0.001B	0.016	0.118	0.007	0	0	0	0	---	---	17
18	---	0	0.001B	0.015	0.114	0.008	0	0	0	0	---	---	18
19	---	0.007A	0 B	0.015	0.107	0.009	0.003	0	0	0	---	---	19
20	---	0.049	0 B	0.018	0.101	0.010	0.009	0	0	0	---	---	20
21	---	0.114	0 B	0.020	0.092	0.011	0.010	0	0	0	---	---	21
22	---	0.159	0 B	0.020	0.080	0.010	0.009	0	0	0	---	---	22
23	---	0.096B	0 B	0.021	0.072	0.009	0.007	0	0	0	---	---	23
24	---	0.045B	0 B	0.023	0.066	0.007	0.006	0	0	0	---	---	24
25	---	0.024B	0 B	0.024	0.063	0.005	0.004						25
26	---	0.014B	0 B	0.030	0.058	0.004	0.003	0	0	0	---	---	26
27	---	0.013B	0 B	0.031	0.055	0.003	0.002	0	0	0	---	---	27
28	---	0.012B	0 B	0.032	0.050	0.002	0	0	0	0	---	---	28
29	---		0 B	0.030	0.046	0.001	0	0	0	0	---	---	29
30	---		0 B	0.029	0.041	0	0	0		0			30
31	---		0.043		0.037		0	0					31
TOTAL	---	0.533	0.109	0.938	2.037	0.594	0.053	0	0	0	---	---	TOTAL
MEAN	---	0.019	0.004	0.031	0.066	0.020	0.002	0	0	0	---	---	MEAN
MAX	---	0.159	0.043	0.054	0.119	0.059	0.010	0	0	0	---	---	MAX
MIN	---	0	0	0.015	0.022	0	0	0	0				MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.119 ON MAY 16
MININUM DAILY, 0B ON MAR 19
MAXIMUM INSTANTANEOUS,
0.272B AT 11:32 CST ON FEB 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 18 N
LONG 107 22 16 W
DRAINAGE AREA, 313 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.58
FEB	46.1	AUG	0
MAR	9.42	SEP	0
APR	81.0	OCT	0
MAY	176	NOV	---
JUN	51.3	DEC	---

TOTAL DISCHARGE, 322 dam³

REMARKS - THE PEAK DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

RUSSELL CREEK RESERVOIR - STATION NO. 05JB006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	769.097	769.109	768.940	768.399	768.320	768.290	768.139	767.814	765.606E	---	1
2	---	---	769.096	769.105	768.909	768.402	768.251	768.284	768.126	767.740	765.514E	---	2
3	---	---	769.098	769.105	768.872	768.406	768.206	768.278	768.115	767.721	765.423A	---	3
4	---	---	769.099	769.101	768.844	768.420	768.197	768.278	768.113	767.719	---	---	4
5	---	---	769.098	769.103	768.819	768.422	768.190	768.278	768.110	767.709	---	---	5
6	---	---	769.099	769.099	768.807	768.429	768.161	768.277	768.106	767.652	---	---	6
7	---	---	769.098	769.087	768.807	768.434	768.118	768.274	768.103	767.561	---	---	7
8	---	---	769.096	769.092	768.810	768.444	768.104	768.270	768.101	767.479	---	---	8
9	---	---	769.097	769.096	768.780	768.449	768.095	768.264	768.098	767.416	---	---	9
10	---	---	769.097	769.091	768.740	768.433	768.087	768.259	768.091	767.372	---	---	10
11	---	---	769.100	769.094	768.718	768.413	768.079	768.252	768.081	767.333	---	---	11
12	---	---	769.101	769.094	768.702	768.403	768.076	768.248	768.076	767.300	---	---	12
13	---	---	769.102	769.087	768.686	768.410	768.102	768.242	768.072	767.240	---	---	13
14	---	---	769.103	769.088	768.678	768.426	768.141	768.237	768.066	767.137	---	---	14
15	---	---	769.103	769.089	768.675	768.440	768.214	768.247	768.061	767.036	---	---	15
16	---	---	769.104	769.089	768.678	768.456	768.273	768.246	768.057	766.939	---	---	16
17	---	---	769.104	769.081	768.686	768.452	768.308	768.242	768.050	766.856	---	---	17
18	---	769.396A	769.103	769.082	768.692	768.433	768.326	768.241	768.038	766.778	---	---	18
19	---	769.309	769.103	769.078	768.694	768.435	768.332	768.238	768.036	766.707	---	---	19
20	---	769.269	769.101	769.076	768.695	768.444	768.334	768.234	768.029	766.704A	---	---	20
21	---	769.193	769.095	769.074	768.694	768.451	768.330	768.227	768.022	766.612E	---	---	21
22	---	769.158	769.098	769.070	768.686	768.453	768.327	768.221	768.014	766.521E	---	---	22
23	---	769.141	769.099	769.071	768.681	768.456	768.323	768.215	768.008	766.430E	---	---	23
24	---	769.125	769.100	769.073	768.677	768.453	768.319	768.210	768.005	766.338E	---	---	24
25	---	769.115	769.100	769.072	768.669	768.451	768.318	768.207	768.006	766.246E	---	---	25
26	---	769.107	769.100	769.075	768.624	768.450	768.317	768.205	768.006	766.155E	---	---	26
27	---	769.101	769.099	769.071	768.571	768.445	768.315	768.201	768.001	766.064E	---	---	27
28	---	769.099	769.101	769.032	768.522	768.445	768.308	768.195	767.993	765.972E	---	---	28
29	---		769.103	768.983	768.475	768.435	768.303	768.189	767.959	765.880E	---	---	29
30	---		769.103	768.950	768.432	768.382	768.299	768.183	767.887	765.789E	---	---	30
31	---		769.108		768.404		768.292	768.164		765.698E		---	31
MEAN	---	---	769.100	769.077	768.699	768.432	768.238	768.239	768.052	766.901	---	---	MEAN
MAX	---	---	769.108	769.109	768.940	768.456	768.334	768.290	768.139	767.814	---	---	MAX
MIN	---	---	769.095	768.950	768.404	768.382	768.076	768.164	767.887	765.698	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 769.396A ON FEB 18

MAXIMUM INSTANTANEOUS,
769.411 AT 16:05 CST ON FEB 18

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 56 N
LONG 107 30 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

SALINE CREEK NEAR NOKOMIS - STATION NO. 05JJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0	0	0	0	0	0	0	0.039	---	1
2	---	0B	0 B	0	0	0	0	0	0	0	0.033	---	2
3	---	0B	0 B	0	0	0	0	0	0	0	0.030A	---	3
4	---	0B	0 B	0	0	0	0	0	0	0	---	---	4
5	---	0B	0 B	0	0	0	0	0	0	0	---	---	5
6	---	0B	0 B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0 B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0 B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0 B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0 B	0	0	0	0	0	0	0.001	---	---	12
13	---	0B	0 B	0	0	0	0	0	0	0.003	---	---	13
14	---	0B	0 B	0	0	0.006	0	0	0	0.004	---	---	14
15	---	0B	0.002B	0	0	0.006	0	0	0	0.003	---	---	15
16	---	0B	0.004B	0	0	0.005	0	0	0	0.002	---	---	16
17	---	0B	0.004B	0	0	0.003	0	0	0	0.001	---	---	17
18	---	0B	0.002B	0	0	0.002	0	0	0	0.002	---	---	18
19	---	0B	0 B	0	0	0.001	0	0	0	0.009	---	---	19
20	---	0B	0 B	0	0	0	0	0	0	0.025	---	---	20
21	---	0B	0 B	0	0	0	0	0	0	0.021	---	---	21
22	---	0B	0 B	0	0	0.001	0	0	0	0.037	---	---	22
23	---	0B	0 B	0	0	0	0	0	0	0.046	---	---	23
24	---	0B	0 B	0	0	0.001	0	0	0	0.058	---	---	24
25	---	0B	0 B	0	0	0	0	0	0	0.059	---	---	25
26	---	0B	0 B	0	0	0	0	0	0	0.049	---	---	26
27	---	0B	0 B	0	0	0	0	0	0	0.042	---	---	27
28	---	0B	0	0	0	0	0	0	0	0.036	---	---	28
29	---		0	0	0	0	0	0	0	0.034	---	---	29
30	---		0	0	0	0	0	0	0	0.036	---	---	30
31	---		0		0		0	0		0.041		---	31
TOTAL	---	0	0.012	0	0	0.025	0	0	0	0.509	---	---	TOTAL
MEAN	---	0	0	0	0	0.001	0	0	0	0.016	---	---	MEAN
MAX	---	0	0.004	0	0	0.006	0	0	0	0.059	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.059 ON OCT 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.067 AT 05:46 CST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 58 N
LONG 105 06 10 W
DRAINAGE AREA, 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	1.04	SEP	0
APR	0	OCT	44.0
MAY	0	NOV	---
JUN	2.16	DEC	---

TOTAL DISCHARGE, 47.2 dam³

SANDY CREEK NEAR CARON - STATION NO. 05JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	0	---	1
2	---	0	0	0	0	0	0	0	0	0	0	---	2
3	---	0	0	0	0	0	0	0	0	0	0	---	3
4	---	0	0	0	0	0	0	0	0	0	0	---	4
5	---	0	0	0	0	0	0	0	0	0	0	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 09 N
LONG 106 01 45 W
DRAINAGE AREA, 678 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SASKATCHEWAN RIVER BELOW TOBIN LAKE - STATION NO. 05KD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	376	520E	374	548	358	896	731	1 480E	600	396	271	361	1
2	624	425E	500	625	311	903	676	1 490E	625	421	338	361	2
3	445	445E	509	545	275	937	777	1 490E	726	460	399	367	3
4	248	345E	551	552	392	916	748	1 460E	826	387	364	322	4
5	302	385E	504	474	463	912	682	1 450E	677	359	381	210	5
6	539	470E	467	510	459	883	611	1 430E	561	399	362	195	6
7	666	275E	401	541	446	879	566	1 280	522	451	493	220	7
8	633	455E	499	599	253	823	376	1 370	640	544	365	198	8
9	660	500E	399	703	293	803	362	1 410	656	458	451	217	9
10	487	450E	364	679	235	675	402	1 250	595	492	304	176	10
11	165	435E	293	588	457	672	494	1 180	487	504	207	173	11
12	380	365E	261	600	259	676	493	1 090	421	567	460	161	12
13	343	350E	252	721	279	825	643	1 020	478	488	419	186	13
14	347	405E	329	766	323	947	379	1 010	465	510	313	240	14
15	519	355E	245	732	318	913	481	966	578	414	286	301	15
16	533	500E	334	800	207	906	735A	953A	582	372	418	195	16
17	440	390E	375	614	155	912	754	894	601	347	374	201	17
18	490E	335E	327	518	398	916	646	882A	525	264	348	212	18
19	400E	220E	351	380E	452	891	782	889A	546	334	524	184	19
20	290E	453	480	520E	444	891	653A	876	448	481	622	211	20
21	410E	373	343	515E	498	885	691A	905	518	532	370	269	21
22	765E	308	296	490E	405	878	640	839	568	424	254	226	22
23	590E	490	224	681	421	723	600	804	520	394	393	337	23
24	510E	332	310	546	414	888	653	785	466	192	487	353	24
25	495E	360	306	448	617	747	600E	756	526	169	517	276	25
26	505E	338	337	408	861	861	775E	788	513	296	535	395	26
27	510E	532	255	493	760	835	720E	753	446	261	468	498	27
28	515E	375	297	421	816	804	800E	655A	444	210	397	534	28
29	400E		242	374	943	785	845E	620A	371	289	413	612	29
30	345E		406	390	930	820	925E	470A	372	371	390	531	30
31	445E		473		926		885E	645A		235		463	31
TOTAL	14 377	11 186	11 298	16 781	14 368	25 402	20 125	31 990	16 263	12 021	11 923	9 185	TOTAL
MEAN	464	400	364	559	463	847	649	1 030	542	388	397	296	MEAN
MAX	765	532	551	800	943	947	925	1 490	826	567	622	612	MAX
MIN	165	220	224	374	155	672	362	470	371	169	207	161	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 534
MAXIMUM DAILY, 1 490E ON AUG 2
MINIMUM DAILY, 155 ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 10 N
LONG 103 17 50 W
DRAINAGE AREA, 289 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240 000	JUL	1 740 000
FEB	966 000	AUG	2 760 000
MAR	976 000	SEP	1 410 000
APR	1 450 000	OCT	1 040 000
MAY	1 240 000	NOV	1 030 000
JUN	2 190 000	DEC	794 000

TOTAL DISCHARGE, 16 800 000 dam³

SASKATCHEWAN RIVER NEAR MANITOBA BOUNDARY - STATION NO. 05KH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	340B	473B	447B	446B	655	746	892E	961E	841	529	404	367B	1
2	348B	463B	452B	472B	637	764	908A	995E	808	498	390	357B	2
3	344B	473B	444B	496B	615	782	888	1 040E	799	500	384	348B	3
4	347B	477B	463B	525B	584	793	877	1 070E	768	501	392	340B	4
5	346B	476B	480B	554B	560	806	873	1 090E	783	503	385	314B	5
6	334B	465B	489B	570B	563	823	859	1 140E	807	488	385	275B	6
7	315B	455B	492B	584B	578	857	850	1 170E	792	479	402	251B	7
8	321B	455B	489B	613B	611	882	789	1 180E	762	483	400	238B	8
9	353B	447B	486B	661B	587	888	731	1 200E	733	502	375	226B	9
10	382B	443B	480B	708B	541	892	696	1 220E	727	512	401	210B	10
11	403B	456B	458B	740B	513	883	666	1 190A	717	511	423	198B	11
12	410B	463B	428B	734B	500	866	637	1 180	701	538	411	200B	12
13	392B	459B	400B	775B	504	864	635	1 150	673	562	396	201B	13
14	381B	450B	384B	732B	496	872	646	1 150	645	544A	411	192B	14
15	387B	441B	373B	891B	522	887	657	1 140	631	528A	431	190B	15
16	392B	437B	359B	926B	495	893	658A	1 130	617	523	433	191B	16
17	411B	440B	356B	950B	471	922	665E	1 120	614	528	394	194B	17
18	439B	456B	356B	951B	439	954	699E	1 110	616	513	382	193B	18
19	446B	457B	359B	940B	407	930	730E	1 100	625	479	404	188B	19
20	449B	443B	384B	940B	423	938	707E	1 080	626	475	427B	188B	20
21	441B	418B	400B	936B	457	946	723E	1 060	620	441	448B	193B	21
22	425B	423B	401B	930B	516	950	712E	1 050	601	450	454B	195B	22
23	417B	427B	390B	928B	528	949	706E	1 040	582	467	454B	201B	23
24	459B	423B	376B	906	510	945	682E	1 020	585	481	451B	206B	24
25	496B	430B	373B	881	492	938A	678E	994	585	453	448B	214B	25
26	502B	433B	379B	843	487	926E	697E	971	608	452	438B	220B	26
27	501B	427B	387B	786	538	938E	718E	945	628	443B	429B	223B	27
28	507B	428B	389B	738	602	905E	777E	920	582	435B	407B	234B	28
29	511B		392B	708	650	906E	800E	904	559	426B	398B	243B	29
30	506B		398B	685	685	924E	813E	902	551	415B	391B	263B	30
31	490B		418B		721		888E	894		406B		310B	31
TOTAL	12 795	12 538	12 882	22 549	16 887	26 569	23 257	33 116	20 186	15 065	12 348	7 363	TOTAL
MEAN	413	448	416	752	545	886	750	1 070	673	486	412	238	MEAN
MAX	511	477	492	951	721	954	908	1 220	841	562	454	367	MAX
MIN	315	418	356	446	407	746	635	894	551	406	375	188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 591
MAXIMUM DAILY, 1 220E ON AUG 10
MINIMUM DAILY, 188B ON DEC 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 10 N
LONG 101 49 40 W
DRAINAGE AREA, 329 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 110 000	JUL	2 010 000
FEB	1 080 000	AUG	2 860 000
MAR	1 110 000	SEP	1 740 000
APR	1 950 000	OCT	1 300 000
MAY	1 460 000	NOV	1 070 000
JUN	2 300 000	DEC	636 000

TOTAL DISCHARGE, 18 600 000 dam³

SASKATCHEWAN RIVER OLD CHANNEL - STATION NO. 05KH009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.8 B	19.8 B	5.15 B	7.50B	7.62	112	71.3	201	27.4	6.64	0.700B	6.73B	1
2	75.3 B	22.8 B	10.9 B	2.79B	9.49	110	60.5	207	31.6	9.80	0.945B	8.81B	2
3	72.6 B	12.7 B	23.6 B	5.09B	6.88	112	71.8	214	48.0	11.5	5.09 B	11.4 B	3
4	29.4 B	12.4 B	28.8 B	3.63B	4.44	112	70.3	203	69.7	10.7	4.99 B	11.7 B	4
5	3.74 B	5.16B	22.8 B	3.25B	14.5	106	65.5	202	59.3	6.05	3.45	8.45B	5
6	21.6 B	9.22B	25.2 B	1.95B	25.0	107	56.3	202	31.6	5.68	5.74	3.82B	6
7	60.3 B	16.3 B	23.3 B	3.03B	18.5	103	34.9	213	22.3	8.86	7.56	3.23B	7
8	71.7 B	2.53B	17.6 B	3.79B	11.2	93.5	22.0	209	28.8	16.6	11.0	6.14B	8
9	67.7 B	13.4 B	21.8 B	5.46B	4.12	92.3	9.64	206	40.6	20.3	12.7	13.8 B	9
10	49.6 B	20.3 B	16.8 B	10.3 B	7.53	67.9	11.6	211	40.8	15.5	5.42	15.7 B	10
11	16.7 B	9.18B	4.49 B	5.65B	8.28	63.4	27.0	152	29.4	17.2	2.54	13.2 B	11
12	0.577B	11.7 B	3.19 B	6.47B	12.4	61.0	14.3	144	13.2	23.4	3.14	9.38B	12
13	10.6 B	5.07B	1.89 B	7.26B	4.01	84.5	38.7	117	9.48	22.9	10.5	7.54B	13
14	7.80 B	10.3 B	1.50 B	10.6 B	7.23	108	28.2	110	14.6	16.9	8.09	11.4 B	14
15	12.9 B	6.67B	1.56 B	7.80B	8.16	112	12.7	103	20.0	15.9	2.73	26.0 B	15
16	53.4 B	20.6 B	1.17 B	12.7 B	8.07	107	38.4	103	23.8	8.95	3.38	14.0 B	16
17	23.4 B	12.8 B	1.92 B	13.4 B	1.33	108	65.2	94.3	25.4	7.16	7.67	16.5 B	17
18	29.2 B	9.29B	2.63 B	12.5 B	2.61	112	50.7	86.9	28.1	3.25	6.22	10.9 B	18
19	18.6 B	3.35B	1.89 B	6.39B	14.6	110	66.7	85.0	21.2	1.83	18.6 B	12.0 B	19
20	11.6 B	3.04B	3.65 B	23.6 B	17.3	105	57.3	88.0	16.8	7.57	38.5 B	8.62B	20
21	2.66 B	11.9 B	5.87 B	46.5 B	24.1	106	44.5	85.2	13.4	18.9 B	15.4 B	11.7 B	21
22	52.4 B	5.73B	2.38 B	37.2 B	29.4	103	47.0	88.5	23.1	16.7 B	5.29 B	20.8 B	22
23	86.3 B	4.43B	0.900B	39.7 B	18.1	75.6	39.8	69.7	26.7	7.03 B	1.26 B	16.2 B	23
24	29.7 B	10.3 B	3.10 B	30.0 B	15.8	101	38.1	64.9	14.4	4.63 B	8.41 B	30.0 B	24
25	25.0 B	5.64B	2.60 B	18.9 B	25.1	76.6	45.4	56.9	16.8	0.699B	14.2 B	34.4 B	25
26	25.3 B	5.23B	4.60 B	6.83	95.8	100	48.0	60.6	18.4	0.595B	16.8 B	22.0 B	26
27	34.6 B	12.5 B	1.90 B	8.87	84.0	91.5	52.6	55.2	17.0	1.54 B	11.6 B	52.8 B	27
28	20.3 B	18.2 B	4.50 B	12.2	84.3	86.4	76.8	57.8	10.5	0.574B	13.5 B	68.1 B	28
29	14.3 B		1.10 B	7.81	115	75.1	77.0	55.7	7.21	0.431B	8.35 B	87.1 B	29
30	10.8 B		4.00 B	10.9	116	85.5	85.6	45.9	7.36	3.63 B	10.1 B	80.2 B	30
31	7.34 B		6.00 B		115		140	27.5		2.49 B		81.1 B	31
TOTAL	971.217	300.54	256.790	372.07	915.97	2 887.3	1 567.84	3 819.1	756.95	293.909	263.875	723.72	TOTAL
MEAN	31.3	10.7	8.28	12.4	29.5	96.2	50.6	123	25.2	9.48	8.80	23.3	MEAN
MAX	86.3	22.8	28.8	46.5	116	112	140	214	69.7	23.4	38.5	87.1	MAX
MIN	0.577	2.53	0.900	1.95	1.33	61.0	9.64	27.5	7.21	0.431	0.700	3.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.0
MAXIMUM DAILY, 214 ON AUG 3
MINIMUM DAILY, 0.431B ON OCT 29
MAXIMUM INSTANTANEOUS,
230 AT 02:49 CST ON AUG 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 50 N
LONG 102 58 20 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 900	JUL	135 000
FEB	26 000	AUG	330 000
MAR	22 200	SEP	65 400
APR	32 100	OCT	25 400
MAY	79 100	NOV	22 800
JUN	249 000	DEC	62 500

TOTAL DISCHARGE, 1 130 000 dam³

SASKATOON S.E. PROJECT DIVERSION TO LITTLE MANITOU LAKE - STATION NO. 05JJ006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.921	0	0	0.024	0	0	0	---	---	1
2	---	---	0	0.975	0	0	0.024	0	0	0	---	---	2
3	---	---	0	0.975	0	0	0	0	0	0	---	---	3
4	---	---	0	0.960E	0	0	0.024	0	0	0	---	---	4
5	---	---	0	0.945E	0	0	0.016E	0	0	0	---	---	5
6	---	---	0	0.930	0	0	0.008E	0	0	0	---	---	6
7	---	---	0	0.930E	0	0	0	0	0	0	---	---	7
8	---	---	0	0.930	0	0	0.057	0	0	0	---	---	8
9	---	---	0	0.952E	0	0.300	0.050E	0	0	0	---	---	9
10	---	---	0	0.975	0	0.002	0	0	0	0	---	---	10
11	---	---	0	0.969E	0	0.076	0	0	0	0	---	---	11
12	---	---	0	0	0	0.044	0	0	0	0	---	---	12
13	---	---	0	0	0	0.057	0	0	0	0	---	---	13
14	---	---	0	0	0	0.120	0	0	0	0	---	---	14
15	---	---	0	0	0	0.076	0	0	0	0	---	---	15
16	---	---	0	0	0	0.064	0	0	0	0	---	---	16
17	---	---	0.080E	0	0	0.076	0	0	0	0	---	---	17
18	---	---	0.257	0	0	0.057	0	0	0	0	---	---	18
19	---	---	0.326	0	0	0.068	0	0	0	0	---	---	19
20	---	---	0.848	0	0	0.030	0	0	0	0	---	---	20
21	---	---	0.767	0	0	0.033	0	0	0	0	---	---	21
22	---	---	0.857	0	0	0.030	0	0	0	0	---	---	22
23	---	---	0.857	0	0	0.022	0	0	0	0	---	---	23
24	---	---	0.669	0	0	0.027	0	0	0	0	---	---	24
25	---	---	0.687	0	0	0.016	0	0	0	0	---	---	25
26	---	---	0.921	0	0	0.024	0	0	0	0	---	---	26
27	---	---	0.876	0	0	0.010	0	0	0	0	---	---	27
28	---	---	0.966	0	0	0.024	0	0	0	0	---	---	28
29	---		0.948E	0	0	0.030	0	0	0	0	---	---	29
30	---		0.930	0	0	0.024	0	0	0	0	---	---	30
31	---		0.930		0		0		0		---	---	31
TOTAL	---	---	10.919	10.462	0	1.210	0.203	0	0	0	---	---	TOTAL
MEAN	---	---	0.352	0.349	0	0.040	0.007	0	0	0	---	---	MEAN
MAX	---	---	0.966	0.975	0	0.300	0.057	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.093
MAXIMUM DAILY, 0.975 ON APR 2
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 45 21 N
LONG 105 38 56 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.5
FEB	---	AUG	0
MAR	943	SEP	0
APR	904	OCT	0
MAY	0	NOV	---
JUN	105	DEC	---

TOTAL DISCHARGE, 1 970 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BLACKSTRAP RESERVOIR - STATION NO. 05HG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	1.19	1.11	0.966	0.025	1.20	0	---	1
2	---	---	0	0	0	1.28	1.11	0.979	0.447	1.33	0	---	2
3	---	---	0	0	0	1.41	1.13	1.01	1.15	1.38	0	---	3
4	---	---	0	0	0	1.42	1.15	1.03	1.28	1.34	0	---	4
5	---	---	0	0	0	1.41	1.18	0.985	1.22	1.33	---	---	5
6	---	---	0	0	0	1.43	1.16	0.890	1.21	1.32	---	---	6
7	---	---	0	0	0	1.42	0.716	0.858	1.19	1.32	---	---	7
8	---	---	0	0	0	1.43	0.535	0.774	1.17	1.31	---	---	8
9	---	---	0	0	0	1.43	1.23	0.691	1.16	0.639	---	---	9
10	---	---	0	0	0	1.42	1.23	0.755	1.15	0.062	---	---	10
11	---	---	0	0	0.060	1.31	1.23	0.930	1.17	0.061	---	---	11
12	---	---	0	0	0.132	1.11	1.24	0.572	1.18	0.061	---	---	12
13	---	---	0	0	0.100	1.14	1.27	0.581	1.18	0.038	---	---	13
14	---	---	0	0	0.098	1.19	1.25	0.612	1.25	0.001	---	---	14
15	---	---	0	0	0.107	1.12	1.27	0.632	1.51	0	---	---	15
16	---	---	0	0	0.110	1.13	1.28	0.637	1.71	0	---	---	16
17	---	---	0	0	0.098	1.14	1.30	0.666	1.69	0	---	---	17
18	---	---	0	0	0.082	1.14	1.34	0.570	1.70	0	---	---	18
19	---	---	0	0	0.113	1.15	1.38	0.584	1.72	0	---	---	19
20	---	---	0	0	0.156	1.17	1.41	0.783	1.70	0	---	---	20
21	---	---	0	0	0.152	1.18	1.06	0.575	1.38	0	---	---	21
22	---	---	0	0	0.147	1.18	0.612	0.553	0.656	0	---	---	22
23	---	---	0	0	0.146	1.20	0.804	0.521	0.781	0	---	---	23
24	---	---	0	0	0.145	1.17	0.744	0.423	0.943	0	---	---	24
25	---	---	0	0	0.145	1.15	0.697	0.213	1.00	0	---	---	25
26	---	---	0	0	0.546	1.12	0.701	0.940	1.09	0	---	---	26
27	---	---	0	0	1.19	1.10	0.826	1.08	1.09	0	---	---	27
28	---	---	0	0	1.19	1.09	0.922	1.03	1.34	0	---	---	28
29	---		0	0	1.21	1.09	0.898	1.03	1.56	0	---	---	29
30	---		0	0	1.21	1.09	0.925	1.00	1.40	0	---	---	30
31	---		0		1.20		0.933	0.800		0		---	31
TOTAL	---	---	0	0	8.337	36.81	32.643	23.670	36.052	11.352	---	---	TOTAL
MEAN	---	---	0	0	0.269	1.23	1.05	0.764	1.20	0.366	---	---	MEAN
MAX	---	---	0	0	1.21	1.43	1.41	1.08	1.72	1.34	---	---	MAX
MIN	---	---	0	0	0	1.09	0.535	0.213	0.025	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.608
MAXIMUM DAILY, 1.72 ON SEP 19
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 17 N
LONG 106 21 18 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 820
FEB	---	AUG	2 050
MAR	0	SEP	3 110
APR	0	OCT	981
MAY	720	NOV	---
JUN	3 180	DEC	---

TOTAL DISCHARGE, 12 900 dam³

REGULATED SINCE 1967

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRIGHTWATER RESERVOIR - STATION NO. 05HG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2.97	1.77	1.57	0.754	0	0	---	1
2	---	---	0	0	0	3.02	1.76	1.57	1.76	0	0	---	2
3	---	---	0	0	0	2.81	1.67	1.57	3.04	0	---	---	3
4	---	---	0	0	0	2.49	1.60	1.57	3.04	0	---	---	4
5	---	---	0	0	0	2.38	1.62	0.735	3.05	0	---	---	5
6	---	---	0	0	0	2.39	1.61	0.555	3.06	0	---	---	6
7	---	---	0	0	0.080E	2.35	0.756	0.915	3.07	0	---	---	7
8	---	---	0	0	0.145E	1.98	0.905	0.926	3.08	0	---	---	8
9	---	---	0	0	0.145E	0.837	1.51	0.935	3.09	0	---	---	9
10	---	---	0	0	0.145E	1.03	1.50	1.11	3.11	0	---	---	10
11	---	---	0	0	0.145E	1.62	1.50	1.35	3.09	0	---	---	11
12	---	---	0	0	0.145E	1.55	1.50	1.43	3.10	0	---	---	12
13	---	---	0	0	0.145E	1.55	1.50	1.43	3.11	0	---	---	13
14	---	---	0	0	0.145A	1.57	1.31	1.44	3.11	0	---	---	14
15	---	---	0	0	0.145A	1.54	1.01	1.43	3.10	0	---	---	15
16	---	---	0	0	0.140	1.54	0.906	1.44	3.11	0	---	---	16
17	---	---	0	0	0.145	1.57	0.879	1.44	3.11	0	---	---	17
18	---	---	0	0	0.124	1.56	0.879	0.645	3.12	0	---	---	18
19	---	---	0	0	0.106	1.57	0.877	0.900	3.12	0	---	---	19
20	---	---	0	0	0.803	1.59	0.893	1.56	3.13	0	---	---	20
21	---	---	0	0	1.89	1.65	0.498	1.56	3.13	0	---	---	21
22	---	---	0	0	1.51	2.12	0.570	1.51	3.14	0	---	---	22
23	---	---	0	0	1.53	1.68	0.808	1.51	3.14	0	---	---	23
24	---	---	0	0	1.54	1.26	0.840	1.67	3.07	0	---	---	24
25	---	---	0	0	1.54	2.01	0.854	1.81	2.72	0	---	---	25
26	---	---	0	0	1.55	2.04	0.847	1.81	2.30	0	---	---	26
27	---	---	0	0	1.57	2.03	1.18	1.92	2.27	0	---	---	27
28	---	---	0	0	2.27	1.99	1.75	2.19	2.14	0	---	---	28
29	---		0	0	2.81	2.00	1.74	2.19	3.58	0	---	---	29
30	---		0	0	2.83	1.90	1.64	2.20	2.30	0	---	---	30
31	---		0		2.84		1.57	2.19		0		---	31
TOTAL	---	---	0	0	24.038	56.597	38.252	45.081	85.944	0	---	---	TOTAL
MEAN	---	---	0	0	0.775	1.89	1.23	1.45	2.86	0	---	---	MEAN
MAX	---	---	0	0	2.84	3.02	1.77	2.20	3.58	0	---	---	MAX
MIN	---	---	0	0	0	0.837	0.498	0.555	0.754	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 3.58 ON SEP 29
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 13 N
LONG 106 32 35 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 300
FEB	---	AUG	3 890
MAR	0	SEP	7 430
APR	0	OCT	0
MAY	2 080	NOV	---
JUN	4 890	DEC	---

TOTAL DISCHARGE, 21 600 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR - STATION NO. 05HG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2.66	1.67	2.41	2.13	0.189	---	---	1
2	---	---	0	0	0	1.81	1.62	2.40	3.20	0.320	---	---	2
3	---	---	0	0	0	1.81	1.52	2.24	3.66	0.088	---	---	3
4	---	---	0	0	0.916	1.86	1.49	1.84	3.90	0.050	---	---	4
5	---	---	0	0	3.71	1.90	1.55	2.15	3.89	0.144	---	---	5
6	---	---	0	0	4.54	1.93	1.62	2.39	3.91	0.012	---	---	6
7	---	---	0	0	4.41	1.98	1.59	2.27	3.93	0	---	---	7
8	---	---	0	0	4.45	1.99	1.70	2.24	3.93	0	---	---	8
9	---	---	0	0	4.46	1.93	1.75	2.16	3.86	0	---	---	9
10	---	---	0	0	4.44	1.93	1.63	2.06	3.84	0	---	---	10
11	---	---	0	0	4.46	1.93	1.59	1.97	3.84	0	---	---	11
12	---	---	0	0	4.47	1.95	1.46	1.90	3.83	0	---	---	12
13	---	---	0	0	4.52	1.96	1.50	2.04	3.82	0	---	---	13
14	---	---	0	0	4.54	2.03	1.44	2.11	3.82	0	---	---	14
15	---	---	0	0	4.72	2.02	1.50	2.18	3.85	0	---	---	15
16	---	---	0	0	4.64	2.02	1.52	2.18	3.91	0	---	---	16
17	---	---	0	0	4.65	2.04	1.50	1.46	3.91	0	---	---	17
18	---	---	0	0	4.67	2.07	1.44	1.64	3.95	0	---	---	18
19	---	---	0	0	4.70	2.15	1.56	2.06	4.00	0	---	---	19
20	---	---	0	0	4.68	2.07	1.60	2.05	4.09	0	---	---	20
21	---	---	0	0	4.71	2.03	1.59	2.03	4.14	0	---	---	21
22	---	---	0	0	4.76	2.01	1.61	2.05	4.20	0	---	---	22
23	---	---	0	0	4.72	1.80	2.02	2.07	4.18	0	---	---	23
24	---	---	0	0	4.74	1.43	2.32	2.09	3.05	0	---	---	24
25	---	---	0	0	4.73	1.43	2.29	2.68	1.93	0	---	---	25
26	---	---	0	0	4.73	1.42	2.30	3.06	1.95	0	---	---	26
27	---	---	0	0	4.71	1.40	2.30	3.05	2.00	0	---	---	27
28	---	---	0	0	4.64	1.40	2.24	3.08	4.22	0	---	---	28
29	---		0	0	4.58	1.20	2.32	3.08	6.09	0	---	---	29
30	---		0	0	4.40	1.35	2.42	3.11	2.50	0	---	---	30
31	---		0		4.42		2.38	1.57		0		---	31
TOTAL	---	---	0	0	124.076	55.51	55.04	69.62	109.53	0.803	---	---	TOTAL
MEAN	---	---	0	0	4.00	1.85	1.78	2.25	3.65	0.026	---	---	MEAN
MAX	---	---	0	0	4.76	2.66	2.42	3.11	6.09	0.320	---	---	MAX
MIN	---	---	0	0	0	1.20	1.44	1.46	1.93	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 6.09 ON SEP 29
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 01 N
LONG 106 50 53 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 760
FEB	---	AUG	6 020
MAR	0	SEP	9 460
APR	0	OCT	69.4
MAY	10 780	NOV	---
JUN	4 800	DEC	---

TOTAL DISCHARGE, 35 800 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW ZELMA RESERVOIR - STATION NO. 05HG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.40	0.002	0	0.775	0	0	0.001	0.004E	---	1
2	---	---	0 B	1.44	0.003	0	0.774	0.001	0	0.001	0.003E	---	2
3	---	---	0 B	1.45	0.003	0	0.787	0.001	0	0.001	0.003E	---	3
4	---	---	0 B	1.48 E	0.002	0	0.776	0.001	0	0	0.003A	---	4
5	---	---	0 B	1.51 E	0	0.002	0.792	0	0	0	---	---	5
6	---	---	0 B	1.52 E	0	0.003	0.784	0	0	0	---	---	6
7	---	---	0 B	1.51 E	0	0.003	0.757	0	0	0	---	---	7
8	---	---	0 B	1.50 A	0	0.217	0.430	0	0	0	---	---	8
9	---	---	0 B	1.52	0	0.656	0.002	0	0	0.002	---	---	9
10	---	---	0 B	0.964	0	0.731	0.001	0	0	0.001	---	---	10
11	---	---	0 B	0.009	0	0.828	0.001	0	0	0.002	---	---	11
12	---	---	0 B	0.007	0	0.873	0	0	0	0.004	---	---	12
13	---	---	0 B	0.003	0	0.887	0	0	0	0.005	---	---	13
14	---	---	0 B	0.003	0	0.918	0	0	0	0.003	---	---	14
15	---	---	0 B	0.003	0	0.895	0	0	0	0.003	---	---	15
16	---	---	0.212B	0.004	0	0.943	0.001	0	0	0.003	---	---	16
17	---	---	0.211	0.003	0	0.886	0	0	0	0.003	---	---	17
18	---	---	0.626	0.001	0	0.885	0	0	0	0.002	---	---	18
19	---	---	1.12	0.002	0	0.871	0.002	0	0	0.003	---	---	19
20	---	---	1.19 E	0.002	0	0.843	0.001	0	0	0.002A	---	---	20
21	---	---	1.17 B	0.003	0	0.833	0.001	0	0	0.001E	---	---	21
22	---	---	1.15 B	0.003	0	0.822	0.001	0	0	0.001E	---	---	22
23	---	---	1.13 E	0.002	0	0.820	0.001	0	0	0.001E	---	---	23
24	---	---	1.12	0.001	0	0.812	0.001	0	0	0.001E	---	---	24
25	---	---	1.20	0.002	0	0.817	0.001	0	0	0.001E	---	---	25
26	---	---	1.39	0.003	0	0.827	0.001	0	0.003	0.002E	---	---	26
27	---	---	1.49	0.003	0	0.800	0.001	0	0.002	0.002E	---	---	27
28	---	---	1.54	0.003	0	0.797	0	0	0.001	0.002E	---	---	28
29	---		1.49	0.003	0	0.781	0	0	0.001	0.001E	---	---	29
30	---		1.45	0.003	0	0.772	0	0	0.001	0.014E	---	---	30
31	---		1.41		0		0	0		0.004E		---	31
TOTAL	---	---	17.899	14.357	0.010	18.522	5.890	0.003	0.008	0.066	---	---	TOTAL
MEAN	---	---	0.577	0.479	0	0.617	0.190	0	0	0.002	---	---	MEAN
MAX	---	---	1.54	1.52	0.003	0.943	0.792	0.001	0.003	0.014	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.232
MAXIMUM DAILY, 1.54 ON MAR 28
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 23 N
LONG 105 45 23 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	509
FEB	---	AUG	0.26
MAR	1 550	SEP	0.69
APR	1 240	OCT	5.70
MAY	0.86	NOV	---
JUN	1 600	DEC	---

TOTAL DISCHARGE, 4 910 dam³

SASKATOON S.E. PROJECT MAIN CANAL ABOVE BLACKSTRAP RESERVOIR - STATION NO. 05HG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2.35	1.09	1.46 E	1.11	2.50 E	0	---	1
2	---	---	0	0	0	2.58	1.19 E	1.51 E	2.02E	0	0	---	2
3	---	---	0	0	0	2.09	1.29 E	1.55 E	2.94	0	0	---	3
4	---	---	0	0	0	2.04	1.38 E	1.60	2.94	0	0	---	4
5	---	---	0	0	0	1.98	1.48	1.12	2.95E	0	0	---	5
6	---	---	0	0	0	1.87 E	1.47	1.01 E	2.97E	0	0	---	6
7	---	---	0	0	0.010	1.77 E	1.14	0.911	2.99E	0	0	---	7
8	---	---	0	0	0.084E	1.66	0.222	0.913E	3.01	0	0	---	8
9	---	---	0	0	0.082E	1.36	1.13	0.915E	3.03	0	0	---	9
10	---	---	0	0	0.081E	0.122	0.924	0.917	3.03	0	0	---	10
11	---	---	0	0	0.079E	1.39	0.926E	1.13	3.03	0	0	---	11
12	---	---	0	0	0.078E	1.43	0.928E	1.32	3.00E	0	0	---	12
13	---	---	0	0	0.076E	1.46 E	0.930	1.29	2.97E	0	0	---	13
14	---	---	0	0	0.075E	1.50 E	0.698	1.31	2.94	0	0	---	14
15	---	---	0	0	0.074	1.53	0.770	1.31 E	2.96	0	0	---	15
16	---	---	0	0	0.095E	1.43	0.776	1.32 E	3.03	0	0	---	16
17	---	---	0	0	0.117E	1.41	0.782E	1.33 E	3.06	0	0	---	17
18	---	---	0	0	0.139	1.52	0.788E	1.33	3.06E	0	0	---	18
19	---	---	0	0	0.154	1.52	0.794E	1.41 E	3.06E	0	0	---	19
20	---	---	0	0	0.099	1.53	0.800	1.48	3.06E	0	0	---	20
21	---	---	0	0	1.28	1.75 E	0.800	1.52	3.06	0	0	---	21
22	---	---	0	0	1.20	1.97 E	0.800E	1.47 E	3.07	0	0	---	22
23	---	---	0	0	1.30 E	2.19	0.800	1.42 E	3.06	0	0	---	23
24	---	---	0	0	1.41 E	0.154	0.807	1.37	3.03	0	0	---	24
25	---	---	0	0	1.51	1.56	0.788E	1.70	3.03	0	0	---	25
26	---	---	0	0	1.14	1.53	0.770E	1.70	2.69E	0	0	---	26
27	---	---	0	0	1.11	1.52 E	0.752	1.69	2.36E	0	0	---	27
28	---	---	0	0	1.08	1.52 E	1.59	2.08	2.02	0	0	---	28
29	---		0	0	2.44	1.51	1.59	2.07 E	2.30	0	0	---	29
30	---		0	0	2.41 E	1.53	1.60	2.06 E	4.86	0	0	---	30
31	---		0		2.38 E		1.42	2.05		0		---	31
TOTAL	---	---	0	0	18.503	47.776	31.225	48.266	86.64	2.50	0	---	TOTAL
MEAN	---	---	0	0	0.597	1.59	1.01	1.43	2.89	0.081	0	---	MEAN
MAX	---	---	0	0	2.44	2.58	1.60	2.08	4.86	2.50	0	---	MAX
MIN	---	---	0	0	0	0.122	0.222	0.911	1.11	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.942
MAXIMUM DAILY, 4.86 ON SEP 30
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 40 50 N
LONG 106 25 35 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 700
FEB	---	AUG	3 820
MAR	0	SEP	7 490
APR	0	OCT	216
MAY	1 600	NOV	0
JUN	4 130	DEC	---

TOTAL DISCHARGE, 20 000 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

SASKATOON S.E. PROJECT MAIN CANAL ABOVE BRIGHTWATER RESERVOIR - STATION NO. 05NG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	3.56	0.724E	1.74 E	0.636	3.00 E	0	---	1
2	---	---	0	0	0	1.14	0.900	1.67 E	2.74	0.500E	0	---	2
3	---	---	0	0	0	1.17	0.705	1.60 E	2.82	0	0	---	3
4	---	---	0	0	0	1.31	0.780E	1.53	3.47	0	0	---	4
5	---	---	0	0	2.20	1.30	0.855E	0.970	3.45	0	0	---	5
6	---	---	0	0	3.86	1.36 E	0.930	2.11	3.43 E	0	0	---	6
7	---	---	0	0	4.00	1.43 E	0.815	1.67	3.41 E	0	0	---	7
8	---	---	0	0	3.86	1.49	0.910	1.63 E	3.39	0	0	---	8
9	---	---	0	0	3.91E	1.35	0.964	1.59 E	3.38	0	0	---	9
10	---	---	0	0	3.97E	1.51	0.710	1.55	3.33	0	0	---	10
11	---	---	0	0	4.03	1.45	0.735E	1.47	3.35	0	0	---	11
12	---	---	0	0	4.25	1.46	0.760E	1.24	3.28 E	0	0	---	12
13	---	---	0	0	4.24	1.58 E	0.785	1.52	3.21 E	0	0	---	13
14	---	---	0	0	4.13	1.71 E	0.600	1.60	3.14	0	0	---	14
15	---	---	0	0	3.89	1.84	0.390	1.64 E	3.20	0	0	---	15
16	---	---	0	0	3.93E	1.83	0.665	1.68 E	3.19	0	0	---	16
17	---	---	0	0	3.97E	1.84 E	0.690	1.71	2.95	0	0	---	17
18	---	---	0	0	4.01	1.86	0.768E	0.910	3.07	0	0	---	18
19	---	---	0	0	3.89	1.87	0.847E	1.69	3.12 E	0	0	---	19
20	---	---	0	0	3.87	1.87	0.925	1.71 E	3.17 E	0	0	---	20
21	---	---	0	0	3.92	1.87 E	1.05	1.73	3.21	0	0	---	21
22	---	---	0	0	3.87	1.86 E	0.900	1.74 E	3.09	0	0	---	22
23	---	---	0	0	3.94E	1.85	0.982	1.74 E	3.07	0	0	---	23
24	---	---	0	0	4.01E	1.88	1.60	1.75	3.02	0	0	---	24
25	---	---	0	0	4.07	1.94	1.61 E	1.72	1.04	0	0	---	25
26	---	---	0	0	3.91	1.28	1.62 E	2.73	1.12 E	0	0	---	26
27	---	---	0	0	3.95	1.15	1.63	2.78	1.20 E	0	0	---	27
28	---	---	0	0	3.79	1.17	1.46	2.67	1.28	0	0	---	28
29	---		0	0	3.86	1.14	1.33	2.68 E	4.78	0	0	---	29
30	---		0	0	3.76E	0.548	1.91	2.68 E	6.20	0	0	---	30
31	---		0		3.66E		1.81	2.68		0		---	31
TOTAL	---	---	0	0	104.75	47.618	31.360	56.130	89.746	3.500	0	---	TOTAL
MEAN	---	---	0	0	3.38	1.59	1.01	1.81	2.99	0.113	0	---	MEAN
MAX	---	---	0	0	4.25	3.56	1.91	2.78	6.20	3.00	0	---	MAX
MIN	---	---	0	0	0	0.548	0.390	0.910	0.636	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.36
MAXIMUM DAILY, 6.20 ON SEP 30
MINIMUM DAILY, 0 ON MAR 1

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 35 15 N
LONG 106 30 30 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 710
FEB	---	AUG	4 850
MAR	0	SEP	7 750
APR	0	OCT	302
MAY	9 050	NOV	0
JUN	4 110	DEC	---

TOTAL DISCHARGE, 28 800 dam³

SASKATOON S.E. PROJECT MAIN CANAL ABOVE ZELMA RESERVOIR - STATION NO. 05NG011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.938	0.992	0.152E	0.385E	1.31	---	---	1
2	---	---	0	0	0	1.05	0.992	0.182E	0.220	0.992	---	---	2
3	---	---	0	0	0	1.05	0.965	0.211E	0.142	1.05 E	---	---	3
4	---	---	0	0	0	1.26	0.926E	0.241	0.247	1.12 E	---	---	4
5	---	---	0	0	0	1.31	0.888	0.212	0.313E	1.18	---	---	5
6	---	---	0	0	0	1.26	0.864	0.188E	0.378E	1.18 E	---	---	6
7	---	---	0	0	0	1.26 E	0.747	0.164	0.444E	1.18	---	---	7
8	---	---	0	0	0	1.26 E	0.769	0.186E	0.509	1.19 E	---	---	8
9	---	---	0	0	0	1.26 E	0.551	0.208E	0.546	1.19	---	---	9
10	---	---	0	0	0	1.26	0.509	0.231E	0.534E	0.948E	---	---	10
11	---	---	0	0	0	1.20	0.477E	0.253E	0.522	0.707E	---	---	11
12	---	---	0	0	0	1.15	0.445E	0.275	0.499E	0.465E	---	---	12
13	---	---	0	0	0	0.938	0.413	0.183E	0.476E	0.223	---	---	13
14	---	---	0	0	0	1.05	0.312E	0.092	0.453	0.195	---	---	14
15	---	---	0	0	0.465	1.12	0.212	0.075E	0.637	0.168E	---	---	15
16	---	---	0	0	0.442E	1.05	0.241	0.057E	0.845	0.141E	---	---	16
17	---	---	0	0	0.420E	1.05	0.336	0.040	0.884E	0.114E	---	---	17
18	---	---	0	0	0.397	1.06	0.404E	0.108	0.923	0.087E	---	---	18
19	---	---	0	0	0.415E	1.05 E	0.471E	0.101E	0.954	0.060E	---	---	19
20	---	---	0	0	0.433E	1.05 E	0.538	0.095E	0.970E	0.032	---	---	20
21	---	---	0	0	0.451E	1.04 E	0.477	0.088E	0.986	0	---	---	21
22	---	---	0	0	0.469	1.03 E	0.457	0.081E	0.842E	0	---	---	22
23	---	---	0	0	0.476E	1.00	0.291E	0.075E	0.698	0	---	---	23
24	---	---	0	0	0.482E	0.976	0.125	0.068	0.750E	0	---	---	24
25	---	---	0	0	0.489	1.06	0.138E	0.185E	0.802	0	---	---	25
26	---	---	0	0	0.747	1.08	0.152	0.303E	0.846E	0	---	---	26
27	---	---	0	0	0.826	1.02	0.168	0.420E	0.890E	0	---	---	27
28	---	---	0	0	0.835	0.965	0.158E	0.538	0.933	0	---	---	28
29	---		0	0	0.854	1.01	0.152	0.542E	1.15 E	0	---	---	29
30	---		0	0	0.882E	0.965	0.137E	0.546E	1.37	0	---	---	30
31	---		0		0.910E		0.122	0.551		0		---	31
TOTAL	---	---	0	0	9.993	32.732	14.425	6.651	20.148	13.532	---	---	TOTAL
MEAN	---	---	0	0	0.322	1.09	0.465	0.215	0.672	0.437	---	---	MEAN
MAX	---	---	0	0	0.910	1.31	0.992	0.551	1.37	1.31	---	---	MAX
MIN	---	---	0	0	0	0.938	0.122	0.040	0.142	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.398
MAXIMUM DAILY, 1.37 ON SEP 30
MINIMUM DAILY, 0 ON MAR 1

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 50 24 N
LONG 105 51 22 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 250
FEB	---	AUG	575
MAR	0	SEP	1 740
APR	0	OCT	1 170
MAY	863	NOV	---
JUN	2 830	DEC	---

TOTAL DISCHARGE, 8 430 dam³

SASKATOON S.E. PROJECT MAIN CANAL AT INLET TO DELLWOOD RESERVOIR - STATION NO. 05JJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0.644	0	0	0	---	---	1
2	---	---	0	0	0	0	0.636	0	0	0	---	---	2
3	---	---	0	0	0	0	0.640	0	0	0	---	---	3
4	---	---	0	0	0	0	0.640E	0	0	0	---	---	4
5	---	---	0	0	0	0	0.250E	0	0	0	---	---	5
6	---	---	0	0	0	0	0.300E	0	0	0	---	---	6
7	---	---	0	0	0	0	0.600	0	0	0	---	---	7
8	---	---	0	0	0	0	0.608	0	0	0	---	---	8
9	---	---	0	0	0	0	0.074	0	0	0	---	---	9
10	---	---	0	0	0	0.050	0	0	0	0	---	---	10
11	---	---	0	0	0	0.438	0	0	0	0	---	---	11
12	---	---	0	0	0	0.528	0	0	0	0	---	---	12
13	---	---	0	0	0	0.658	0	0	0	0	---	---	13
14	---	---	0	0	0	0.718	0	0	0	0	---	---	14
15	---	---	0	0	0	0.628	0	0	0	0	---	---	15
16	---	---	0	0	0	0.588	0	0	0	0	---	---	16
17	---	---	0	0	0	0.508	0	0	0	0	---	---	17
18	---	---	0	0	0	0.438	0	0	0	0	---	---	18
19	---	---	0	0	0	0.544	0	0	0	0	---	---	19
20	---	---	0	0	0	0.586E	0	0	0	0	---	---	20
21	---	---	0	0	0	0.628	0	0	0	0	---	---	21
22	---	---	0	0	0	0.634E	0	0	0	0	---	---	22
23	---	---	0	0	0	0.640	0	0	0	0	---	---	23
24	---	---	0	0	0	0.638	0	0	0	0	---	---	24
25	---	---	0	0	0	0.630	0	0	0	0	---	---	25
26	---	---	0	0	0	0.610	0	0	0	0	---	---	26
27	---	---	0	0	0	0.602	0	0	0	0	---	---	27
28	---	---	0	0	0	0.632	0	0	0	0	---	---	28
29	---		0	0	0	0.632	0	0	0	0	---	---	29
30	---		0	0	0	0.644	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	11.974	4.392	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.399	0.142	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0.718	0.644	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.067
MAXIMUM DAILY, 0.718 ON JUN 14
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 48 10 N
LONG 105 20 38 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	379
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	1 030	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 1 410 dam³

SASKATOON S.E. PROJECT MAIN CANAL AT OUTLET OF MANITOU PUMPING STATION - STATION NO. 05JJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0.684	0	0	0	---	---	1
2	---	---	0	0	0	0	0.684	0	0	0	---	---	2
3	---	---	0	0	0	0	0.700	0	0	0	---	---	3
4	---	---	0	0	0	0	0.700	0	0	0	---	---	4
5	---	---	0	0	0	0	0.350E	0	0	0	---	---	5
6	---	---	0	0	0	0	0.500E	0	0	0	---	---	6
7	---	---	0	0	0	0	0.650	0	0	0	---	---	7
8	---	---	0	0	0	0	0.400	0	0	0	---	---	8
9	---	---	0	0	0	0.566	0	0	0	0	---	---	9
10	---	---	0	0	0	0.622	0	0	0	0	---	---	10
11	---	---	0	0	0	0.631	0	0	0	0	---	---	11
12	---	---	0	0	0	0.664	0	0	0	0	---	---	12
13	---	---	0	0	0	0.651	0	0	0	0	---	---	13
14	---	---	0	0	0	0.588	0	0	0	0	---	---	14
15	---	---	0	0	0	0.632	0	0	0	0	---	---	15
16	---	---	0	0	0	0.644	0	0	0	0	---	---	16
17	---	---	0	0	0	0.631	0	0	0	0	---	---	17
18	---	---	0	0	0	0.651	0	0	0	0	---	---	18
19	---	---	0	0	0	0.640	0	0	0	0	---	---	19
20	---	---	0	0	0	0.678	0	0	0	0	---	---	20
21	---	---	0	0	0	0.675	0	0	0	0	---	---	21
22	---	---	0	0	0	0.678	0	0	0	0	---	---	22
23	---	---	0	0	0	0.686	0	0	0	0	---	---	23
24	---	---	0	0	0	0.681	0	0	0	0	---	---	24
25	---	---	0	0	0	0.692	0	0	0	0	---	---	25
26	---	---	0	0	0	0.684	0	0	0	0	---	---	26
27	---	---	0	0	0	0.698	0	0	0	0	---	---	27
28	---	---	0	0	0	0.684	0	0	0	0	---	---	28
29	---		0	0	0	0.678	0	0	0	0	---	---	29
30	---		0	0	0	0.684	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	14.438	4.668	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.481	0.151	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0.698	0.700	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.078
MAXIMUM DAILY, 0.700 ON JUL 3
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 45 21 N
LONG 105 38 56 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	403
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	1 250	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 1 650 dam³

SHAND CREEK NEAR DILLABOUGH - STATION NO. 05LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.71	0.054	0	0	0	0	0	0	---	1
2	---	---	0 B	1.60	0.053	0	0	0	0	0	0.001	---	2
3	---	---	0 B	0.980	0.045	0	0	0	0	0	0.002A	---	3
4	---	---	0 B	0.671	0.044	0	0	0	0	0	---	---	4
5	---	---	0 B	0.679	0.036	0	0	0	0	0	---	---	5
6	---	---	0 B	0.713	0.035	0	0	0	0	0	---	---	6
7	---	---	0 B	0.650	0.035	0	0	0	0	0	---	---	7
8	---	---	0 B	0.483	0.031	0	0	0	0	0	---	---	8
9	---	---	0 B	0.390	0.024	0	0	0	0	0	---	---	9
10	---	---	0 B	0.264	0.016	0	0	0	0	0	---	---	10
11	---	---	0 B	0.189	0.012	0	0	0	0	0	---	---	11
12	---	---	0 B	0.136	0.009	0	0	0	0	0	---	---	12
13	---	---	0 B	0.097	0.007	0	0	0	0	0.013	---	---	13
14	---	---	0 B	0.049	0.005	0	0	0	0	0.001	---	---	14
15	---	---	0.200B	0.054	0.004	0	0	0	0	0.001	---	---	15
16	---	---	1.03 B	0.036	0.005	0	0	0	0	0	---	---	16
17	---	---	1.69 B	0.036	0.005	0	0	0	0	0	---	---	17
18	---	---	1.11 B	0.043	0.004	0	0	0	0	0	---	---	18
19	---	---	1.03 B	0.040	0.002	0	0	0	0	0	---	---	19
20	---	---	0.977B	0.048	0.001	0	0	0	0	0	---	---	20
21	---	---	0.903B	0.054	0	0	0	0	0	0	---	---	21
22	---	---	0.904B	0.049	0	0	0	0	0	0	---	---	22
23	---	---	0.531B	0.035	0	0	0	0	0	0	---	---	23
24	---	---	0.580B	0.028	0	0	0	0	0	0	---	---	24
25	---	---	1.17 B	0.050	0	0	0	0	0	0	---	---	25
26	---	---	2.67 B	0.043	0	0	0	0	0	0	---	---	26
27	---	---	3.48 B	0.048	0	0	0	0	0	0	---	---	27
28	---	---	3.28 B	0.063	0	0	0	0	0	0	---	---	28
29	---		3.19	0.074	0	0	0	0	0	0	---	---	29
30	---		2.07	0.074	0	0	0	0	0	0	---	---	30
31	---		3.42		0		0	0		0		---	31
TOTAL	---	---	28.235	11.386	0.427	0	0	0	0	0.015	---	---	TOTAL
MEAN	---	---	0.911	0.380	0.014	0	0	0	0	0	---	---	MEAN
MAX	---	---	3.48	3.71	0.054	0	0	0	0	0.013	---	---	MAX
MIN	---	---	0	0.028	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.164
MAXIMUM DAILY, 3.71 ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.87 AT 04:57 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 37 06 N
LONG 102 45 05 W
DRAINAGE AREA, 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 440	SEP	0
APR	984	OCT	1.30
MAY	36.9	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 460 dam³

SHELL BROOK NEAR SHELLBROOK - STATION NO. 05GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.232B	1.65B	3.01	0.491	0.027	0.095	0	0	0	---	1
2	---	---	0.232B	1.58B	3.01	0.416	0.010	0.235	0.001	0	0	---	2
3	---	---	0.232B	1.56B	2.67	0.416	0.003	0.333	0.004	0	0	---	3
4	---	---	0.232B	1.66B	2.37	0.506	0.001	0.426	0.005	0	0	---	4
5	---	---	0.232B	1.69B	2.17	0.438	0.012	0.442	0.005	0	0	---	5
6	---	---	0.232B	1.80B	2.02	0.374	0.021	0.483	0.004	0	0A	---	6
7	---	---	0.232B	2.05B	1.91	0.447	0.057	0.466	0	0	---	---	7
8	---	---	0.232B	2.21B	1.78	0.522	0.072	0.390	0	0	---	---	8
9	---	---	0.232B	2.40B	1.63	0.532	0.055	0.359	0	0	---	---	9
10	---	---	0.233B	2.60B	1.52	0.474	0.042	0.320	0	0	---	---	10
11	---	---	0.233B	2.65B	1.43	0.382	0.059	0.283	0	0	---	---	11
12	---	---	0.238B	2.75B	1.34	0.308	0.035	0.242	0	0	---	---	12
13	---	---	0.254B	3.15B	1.30	0.234	0.013	0.209	0	0	---	---	13
14	---	---	0.297B	3.67B	1.24	0.173	0.002	0.182	0	0	---	---	14
15	---	---	0.536B	3.98B	1.18	0.122	0.036	0.165	0	0	---	---	15
16	---	---	0.847B	4.55B	1.13	0.068	0.054	0.154	0	0	---	---	16
17	---	---	0.980B	4.26B	1.09	0.110	0.015	0.147	0	0	---	---	17
18	---	---	0.954B	4.04	1.07	0.198	0.018	0.132	0	0	---	---	18
19	---	---	0.909B	3.96	1.07	0.216	0.019	0.151	0	0	---	---	19
20	---	---	0.922B	3.98	1.02	0.185	0.011	0.128	0	0	---	---	20
21	---	---	0.872B	3.75	0.941	0.168	0.002	0.102	0	0	---	---	21
22	---	---	0.745B	3.67	0.882	0.208	0.002	0.100	0	0	---	---	22
23	---	---	0.612B	3.72	0.814	0.425	0.026	0.113	0	0	---	---	23
24	---	---	0.502B	3.70	0.759	0.303	0.045	0.119	0	0	---	---	24
25	---	---	0.469B	3.60	0.719	0.234	0.043	0.117	0	0	---	---	25
26	---	---	0.466B	3.43	0.615	0.193	0.034	0.104	0	0	---	---	26
27	---	---	0.492B	3.32	0.556	0.169	0.030	0.065	0	0	---	---	27
28	---	---	0.679B	3.21	0.522	0.137	0.020	0.021	0	0	---	---	28
29	---		1.16 B	3.14	0.494	0.080	0.001	0	0	0	---	---	29
30	---		1.23 B	3.04	0.467	0.038	0.017	0	0	0	---	---	30
31	---		1.29 B		0.504		0.072	0		0		---	31
TOTAL	---	---	17.008	90.77	41.233	8.567	0.854	6.083	0.019	0	---	---	TOTAL
MEAN	---	---	0.549	3.03	1.33	0.286	0.028	0.196	0.001	0	---	---	MEAN
MAX	---	---	1.29	4.55	3.01	0.532	0.072	0.483	0.005	0	---	---	MAX
MIN	---	---	0.232	1.56	0.467	0.038	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.672
MAXIMUM DAILY, 4.55B ON APR 16
MINIMUM DAILY, 0 ON AUG 29
MAXIMUM INSTANTANEOUS,
4.80B AT 09:06 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 10 N
LONG 106 23 09 W
DRAINAGE AREA, 2 560 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	73.8
FEB	---	AUG	526
MAR	1 470	SEP	1.64
APR	7 840	OCT	0
MAY	3 560	NOV	---
JUN	740	DEC	---

TOTAL DISCHARGE, 14 200 dam³

SHEPHERD DITCH NEAR CONSUL - STATION NO. 11AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.275	0.001E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	1
2	---	---	0	0.242	0.001E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	2
3	---	---	0	0.242	0.001E	0.001A	0.002E	0.002E	0.002E	0.002E	---	---	3
4	---	---	0	0.225	0.002E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	4
5	---	---	0	0.201	0.002E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	5
6	---	---	0	0.137	0.002A	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	6
7	---	---	0	0.143	0.002E	0.001E	0.002A	0.002E	0.002E	0.002E	---	---	7
8	---	---	0	0.156	0.002E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	8
9	---	---	0	0.141	0.001E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	9
10	---	---	0	0.134	0.001E	0.001E	0.002E	0.002E	0.002E	0.002E	---	---	10
11	---	---	0	0.124	0.001E	0.100A	0.002E	0.002E	0.002E	0.002E	---	---	11
12	---	---	0	0.122	0.001E	0.202	0.002E	0.002E	0.002E	0.002E	---	---	12
13	---	---	0	0.106	0.001A	0.210	0.002E	0.002E	0.002E	0.002E	---	---	13
14	---	---	0	0.104	0.001E	0.267	0.002E	0.002E	0.002E	0.002E	---	---	14
15	---	---	0	0.099	0.001E	0.400	0.002E	0.002E	0.002E	0.002E	---	---	15
16	---	---	0	0.103	0.001E	0.340	0.002E	0.002E	0.002E	0.002E	---	---	16
17	---	---	0.100E	0.102	0.002E	0.294	0.002E	0.002E	0.002E	0.002E	---	---	17
18	---	---	0.230E	0.157	0.002E	0.245	0.002E	0.002A	0.002E	0.002E	---	---	18
19	---	---	0.235E	0.210	0.002E	0.135	0.002E	0.002E	0.002E	0.002E	---	---	19
20	---	---	0.235A	0.066A	0.002A	0.126	0.002E	0.002E	0.002E	0.002E	---	---	20
21	---	---	0.230E	0.005A	0.002E	0.121	0.002E	0.002E	0.002E	0.002E	---	---	21
22	---	---	0.225E	0.005E	0.002E	0.043A	0.002E	0.002E	0.002A	0.002E	---	---	22
23	---	---	0.220E	0.004E	0.002E	0.002E	0.002E	0.002E	0.002E	0.002E	---	---	23
24	---	---	0.220A	0.004E	0.002E	0.002E	0.002E	0.002E	0.002E	0.002E	---	---	24
25	---	---	0.228	0.003E	0.002E	0.002E	0.002E	0.002A	0.002E	0.002E	---	---	25
26	---	---	0.261	0.003E	0.002E	0.002E	0.002E	0.002E	0.002E	0.002A	---	---	26
27	---	---	0.257	0.002E	0.002E	0.002E	0.002E	0.002E	0.002E	0.002E	---	---	27
28	---	---	0.189	0.002E	0.001E	0.002E	0.002E	0.002E	0.002E	0.002E	---	---	28
29	---		0.185	0.001E	0.001E	0.002E	0.002E	0.002E	0.002E	0.002E	---	---	29
30	---		0.186	0.001A	0.001E	0.002E	0.002E	0.002E	0.002E	0.002E	---	---	30
31	---		0.216		0.001E		0.002E	0.002E		0.002E		---	31
TOTAL	---	---	3.217	3.119	0.047	2.509	0.062	0.062	0.060	0.062	---	---	TOTAL
MEAN	---	---	0.104	0.104	0.002	0.084	0.002	0.002	0.002	0.002	---	---	MEAN
MAX	---	---	0.261	0.275	0.002	0.400	0.002	0.002	0.002	0.002	---	---	MAX
MIN	---	---	0	0.001	0.001	0.001	0.002	0.002	0.002	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.400 ON JUN 15
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 50 N
LONG 109 44 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.36
FEB	---	AUG	5.36
MAR	278	SEP	5.18
APR	269	OCT	5.36
MAY	4.06	NOV	---
JUN	217	DEC	---

TOTAL DISCHARGE, 789 dam³

SHORT CREEK NEAR ROCHE PERCEE - STATION NO. 05WB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	0.470B	0.025	0	0	0	0	0.001	0	0	0.002B	1
2	0B	0 B	0.350B	0.026	0.001	0	0	0	0.001	0	0	0.001B	2
3	0B	0 B	0.260B	0.020	0.001	0	0	0	0	0	0	0.001B	3
4	0B	0 B	0.173B	0.016	0.001	0	0	0	0	0	0	0.001B	4
5	0B	0 B	0.135B	0.014	0.001	0	0	0	0	0	0	0.001B	5
6	0B	0 B	0.101B	0.010	0.001	0	0	0	0	0	0	0.001B	6
7	0B	0 B	0.093B	0.007	0.002	0	0	0	0	0	0	0.001B	7
8	0B	0 B	0.080B	0.007	0.003	0	0	0	0	0	0.001	0.001B	8
9	0B	0 B	0.076B	0.006	0.003	0	0	0	0	0	0.001	0.001B	9
10	0B	0 B	0.080B	0.006	0.002	0	0	0	0	0	0.001	0.001B	10
11	0B	0 B	0.080B	0.004	0.002	0	0	0	0	0	0	0.001B	11
12	0B	0 B	0.072B	0.004	0.002	0	0	0	0	0	0	0.001B	12
13	0B	0 B	0.059B	0.003	0.001	0	0	0	0	0	0	0.001B	13
14	0B	0 B	0.061B	0.003	0	0.001	0	0	0	0	0	0.001B	14
15	0B	0.030B	0.155B	0.002	0	0.001	0	0	0	0	0.001	0.001B	15
16	0B	0.090B	0.146B	0.002	0	0.001	0	0	0	0	0.001	0.001B	16
17	0B	1.25 B	0.120B	0.001	0	0.002	0	0	0	0	0	0.001B	17
18	0B	1.92 B	0.102	0	0	0.003	0	0.013	0	0	0	0.001B	18
19	0B	1.93 B	0.086	0	0	0.003	0	0.006	0	0	0.001	0.001B	19
20	0B	1.79 B	0.077	0	0	0.002	0	0.002	0	0	0.001B	0.001B	20
21	0B	1.91 B	0.068	0	0	0.003	0	0.002	0	0	0.001B	0.001B	21
22	0B	1.94 B	0.056	0	0	0.003	0	0.001	0	0	0.002B	0.001B	22
23	0B	1.69 B	0.046	0	0	0.003	0	0.002	0	0	0.002B	0.001B	23
24	0B	1.45 B	0.036	0	0	0.002	0	0.004	0	0	0.002B	0.001B	24
25	0B	0.910B	0.036	0	0	0.001	0	0.004	0	0	0.002B	0.001B	25
26	0B	0.550B	0.036	0	0	0	0	0.003	0	0	0.001B	0.001B	26
27	0B	0.830B	0.034	0	0	0	0	0.003	0	0	0.001B	0.001B	27
28	0B	0.330B	0.034	0	0	0	0	0.002	0	0	0.002B	0.001B	28
29	0B		0.025	0.001	0	0	0	0.002	0	0	0.002B	0.001B	29
30	0B		0.023	0.001	0	0	0	0.002	0	0	0.002B	0.001B	30
31	0B		0.024		0		0	0.001		0		0.001B	31
TOTAL	0	16.620	3.194	0.158	0.020	0.025	0	0.047	0.002	0	0.024	0.032	TOTAL
MEAN	0	0.594	0.103	0.005	0.001	0.001	0	0.002	0	0	0.001	0.001	MEAN
MAX	0	1.94	0.470	0.026	0.003	0.003	0	0.013	0.001	0	0.002	0.002	MAX
MIN	0	0	0.023	0	0	0	0	0	0	0	0	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 1.94B ON FEB 22
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
2.48B AT 10:00 CST ON FEB 21

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 52 N
LONG 102 50 57 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	1 440	AUG	4.06
MAR	276	SEP	0.17
APR	13.7	OCT	0
MAY	1.73	NOV	2.07
JUN	2.16	DEC	2.76

TOTAL DISCHARGE, 1 740 dam³

SILTON INDEX RESERVOIR - STATION NO. 05JH007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	27.092	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	27.297	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	27.284	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	27.253	---	---	26.872	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	27.038	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	27.300E	---	---	26.903	---	---	---	---	---	---	---	28
29	---		---	---	---	---	26.936	---	---	---	---	---	29
30	---		---	27.093E	---	26.865E	---	---	---	27.248	---	---	30
31	---		27.245E		26.900E		26.932E	27.030E	26.855	---		---	31
										27.245E			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 58 N
LONG 104 54 11 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SMITH CREEK NEAR MARCHWELL - STATION NO. 05ME007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.060B	0.004E	0	0	0	0	0	0	0	---	1
2	---	0 B	0.054B	0.003E	0	0	0	0	0	0	0	---	2
3	---	0 B	0.049B	0.003E	0	0	0	0	0	0	0	---	3
4	---	0 B	0.044B	0.002E	0	0	0	0	0	0	0.002A	---	4
5	---	0 B	0.040B	0.002E	0	0	0	0	0	0	0.005A	---	5
6	---	0 B	0.037B	0.001E	0	0	0	0	0	0	---	---	6
7	---	0 B	0.035B	0.001E	0	0	0	0	0	0	---	---	7
8	---	0 B	0.032B	0 A	0	0	0	0	0	0	---	---	8
9	---	0 B	0.030B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.028B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.026B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.025B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.024B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.023E	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.022E	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.021E	0	0	0	0	0	0	0	---	---	16
17	---	0.005B	0.020E	0	0	0	0	0	0	0	---	---	17
18	---	0.020B	0.019E	0	0	0	0	0	0	0	---	---	18
19	---	0.030B	0.017E	0	0	0	0	0	0	0	---	---	19
20	---	0.040B	0.016E	0	0	0	0	0	0	0	---	---	20
21	---	0.060B	0.014E	0	0	0	0	0	0	0	---	---	21
22	---	0.080B	0.013E	0	0	0	0	0	0	0	---	---	22
23	---	0.120B	0.012E	0	0	0	0	0	0	0	---	---	23
24	---	0.157B	0.011A	0	0	0	0	0	0	0	---	---	24
25	---	0.120B	0.010E	0	0	0	0	0	0	0	---	---	25
26	---	0.100B	0.009E	0	0	0	0	0	0	0	---	---	26
27	---	0.085B	0.008E	0	0	0	0	0	0	0	---	---	27
28	---	0.075B	0.007E	0	0	0	0	0	0	0	---	---	28
29	---		0.006E	0	0	0	0	0	0	0	---	---	29
30	---		0.005E	0	0	0	0	0	0	0	---	---	30
31	---		0.005E		0		0	0		0		---	31
TOTAL	---	0.892	0.722	0.016	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.032	0.023	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.157	0.060	0.004	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.005	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.060B ON MAR 1
MINIMUM DAILY, 0A ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 58 N
LONG 101 34 43 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	77.1	AUG	0
MAR	62.4	SEP	0
APR	1.38	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 63.8 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

SMOOTHSTONE RIVER BELOW EMMELINE LAKE - STATION NO. 06CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.76B	5.91B	5.19B	5.62B	30.5	21.0	15.2	8.94	5.07	3.94	3.77	3.48	1
2	6.71B	5.91B	4.98B	5.54B	33.1	20.7	15.1	8.85	4.91	3.73	3.76	3.37	2
3	6.67B	5.90B	5.21B	5.43B	35.3	20.0	14.7	8.83	5.45	4.01	3.71	3.28	3
4	6.62B	5.90B	5.32B	5.55B	37.4	19.6	14.3	8.69	5.05	4.00	3.67	3.27	4
5	6.58B	5.90B	5.17B	5.82B	39.1	19.1	13.8	8.45	4.76	3.90	3.73	3.14	5
6	6.54B	5.89B	5.15B	5.90B	40.3	17.8	12.7	8.25	4.93	3.89	3.75	3.23	6
7	6.50B	5.89B	5.19B	6.00B	41.4	17.8	12.6	8.22	4.94	3.71	3.72	3.23	7
8	6.74B	5.88B	5.31B	6.10B	41.8	18.1	12.9	8.06	4.86	3.34	4.07	3.21	8
9	6.71B	5.88B	5.29B	6.20B	42.0	18.2	14.0	7.84	4.81	3.34	3.79	3.18	9
10	6.27B	5.87B	5.24B	6.35B	41.8	18.1	12.8	7.81	4.66	3.72	3.68	3.14	10
11	6.20B	5.87B	5.19B	6.55B	41.6	17.9	12.2	7.54	4.88	3.97	3.59	3.15	11
12	6.27B	5.86B	5.06B	6.70B	40.8	17.3	12.0	7.27	4.65	3.91	3.52	3.25	12
13	6.45B	5.86B	4.80B	6.90B	40.1	16.6	11.7	7.14	4.60	3.89	3.58	3.26	13
14	6.86B	5.86B	4.85B	7.10B	38.3	16.2	11.1	7.09	4.44	3.97	3.54	3.14	14
15	7.25B	5.85B	4.80B	7.40B	36.0	16.0	10.6	6.61	4.31	3.94	3.67	3.12	15
16	7.10B	5.85B	4.56B	7.65E	35.0	15.8	10.8	6.56	4.21	3.88	3.70	3.10B	16
17	6.15B	5.84B	4.38B	8.00E	34.6	16.4	10.9	6.43	4.15	3.98	3.51	3.02B	17
18	6.40B	5.84B	4.30B	8.50E	33.7	17.0	10.9	6.34	4.14	4.09	3.41	3.00B	18
19	6.35B	5.84B	4.32B	9.20E	32.9	17.3	10.6	6.27	3.98	3.82	3.65	2.91B	19
20	5.95B	5.83B	4.12B	9.90E	32.0	17.2	9.98	6.17	3.43	3.85	3.38	2.91B	20
21	5.95B	5.83B	4.39B	10.9 E	30.6	16.6	9.82	5.95	3.47	3.77	3.49	3.00B	21
22	5.95B	5.82B	5.06B	12.0 E	29.1	16.9	10.0	5.99	3.98	3.82	3.50	2.94B	22
23	5.95B	5.82B	4.86B	13.3 A	28.0	17.4	10.5	6.02	4.41	3.51	3.58	2.90B	23
24	5.94B	5.75B	4.78B	16.0	26.8	17.3	10.3	5.83	4.51	3.62	3.67	2.85B	24
25	5.94B	5.37B	4.77B	17.9	25.6	17.4	10.2	5.64	4.21	3.50	3.61	2.80B	25
26	5.94B	5.20B	4.70B	21.0	24.7	17.1	10.0	5.55	4.11	3.53	3.56	2.75B	26
27	5.93B	5.19B	4.66B	19.5	24.2	17.0	9.80	5.48	4.23	3.41	3.54	2.71B	27
28	5.93B	5.20B	4.66B	21.9	23.6	16.7	9.69	5.33	3.93	3.54	3.35	2.68B	28
29	5.92B		4.74B	26.0	23.5	16.2	9.53	5.37	3.56	3.47	3.38	2.65B	29
30	5.92B		5.07B	28.7	22.9	15.7	9.13	5.28	3.74	3.54	3.54	2.62B	30
31	5.92B		5.45B		21.6		8.92	5.25		3.71		2.58B	31
TOTAL	196.37	161.61	151.57	323.61	1 028.3	526.4	356.77	213.05	132.38	116.30	108.42	93.87	TOTAL
MEAN	6.33	5.77	4.89	10.8	33.2	17.5	11.5	6.87	4.41	3.75	3.61	3.03	MEAN
MAX	7.25	5.91	5.45	28.7	42.0	21.0	15.2	8.94	5.45	4.09	4.07	3.48	MAX
MIN	5.92	5.19	4.12	5.43	21.6	15.7	8.92	5.25	3.43	3.34	3.35	2.58	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.34
MAXIMUM DAILY, 42.0 ON MAY 9
MINIMUM DAILY, 2.58B ON DEC 31
MAXIMUM INSTANTANEOUS,
42.0 AT 21:31 CST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 15 N
LONG 106 12 10 W
DRAINAGE AREA, 6 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 000	JUL	30 800
FEB	14 000	AUG	18 400
MAR	13 100	SEP	11 400
APR	28 000	OCT	10 000
MAY	88 800	NOV	9 370
JUN	45 500	DEC	8 110

TOTAL DISCHARGE, 294 000 dam³

SHAKEBITE CREEK NEAR BEECHY - STATION NO. 05HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.047B	0	0	0	0	0.007	0	0	0	---	1
2	---	0 B	0.046B	0	0	0	0	0.003	0	0	0	---	2
3	---	0 B	0.033B	0	0	0	0	0	0	0	0	---	3
4	---	0 B	0.030B	0	0	0	0	0	0	0	0	---	4
5	---	0 B	0.036B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.043	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.040	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.033B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.031B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.028B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.028B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.037B	0	0	0	0	0	0	0	---	---	12
13	---	0.060B	0.047B	0	0	0.002	0	0	0	0	---	---	13
14	---	0.080B	0.041B	0	0	0.199	0	0	0	0	---	---	14
15	---	0.130B	0.032B	0	0	0.057	0	0	0	0	---	---	15
16	---	0.160B	0.026B	0	0	0.021	0	0	0	0	---	---	16
17	---	0.200B	0.024B	0	0	0.011	0	0	0	0	---	---	17
18	---	0.300B	0.020	0	0	0.008	0	0	0	0	---	---	18
19	---	0.400B	0.015B	0	0	0.010	0	0	0	0	---	---	19
20	---	0.600B	0.009B	0	0	0.007	0	0	0	0	---	---	20
21	---	1.10 B	0.005B	0	0	0.005	0	0	0	0	---	---	21
22	---	1.86 B	0.003B	0	0	0.002	0	0	0	0	---	---	22
23	---	2.20 B	0 B	0	0	0.001	0	0	0	0	---	---	23
24	---	1.73 B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0.496B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0.163B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0.082B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.060B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0.055	0	0	0	---	---	30
31	---		0		0		0.023	0		0		---	31
TOTAL	---	9.621	0.654	0	0	0.324	0.078	0.010	0	0	---	---	TOTAL
MEAN	---	0.344	0.021	0	0	0.011	0.003	0	0	0	---	---	MEAN
MAX	---	2.20	0.047	0	0	0.199	0.055	0.007	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.199 ON JUN 14
MINIMUM DAILY, 0B ON MAR 23
MAXIMUM INSTANTANEOUS,
3.50B ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 06 N
LONG 107 16 31 W
DRAINAGE AREA, 859 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.74
FEB	831	AUG	0.86
MAR	56.5	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	28.0	DEC	---

TOTAL DISCHARGE, 92.1 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED BEFORE FEB 01

SNIPE LAKE NEAR ESTON - STATION NO. 05HC002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	27.602	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 13 06 N
LONG 108 51 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO ASSUMED DATUN

REMARKS - RECORDS PRIOR TO 1979 COLLECTED IN SW27-26-21-W3

SNIPE LAKE NORTH INFLOW - STATION NO. 05HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 E	0.008E	0.006	0	0	0	0	0	0	---	---	1
2	---	0 E	0.008E	0.005	0	0	0	0	0	0	---	---	2
3	---	0 E	0.012A	0.004	0	0	0	0	0	0	---	---	3
4	---	0 E	0.035	0.002	0	0	0	0	0	0	---	---	4
5	---	0 E	0.076	0.002	0	0	0	0	0	0	---	---	5
6	---	0 E	0.057	0.001	0	0	0	0	0	0	---	---	6
7	---	0 E	0.022A	0.001	0	0	0	0	0	0	---	---	7
8	---	0 E	0.027E	0.001	0	0	0	0	0	0	---	---	8
9	---	0 E	0.014E	0.001	0	0	0	0	0	0	---	---	9
10	---	0 E	0.009A	0.002	0	0	0	0	0	0	---	---	10
11	---	0 E	0.037	0.008	0	0	0	0	0	0	---	---	11
12	---	0 E	0.071A	0.006	0	0	0	0	0	0	---	---	12
13	---	0 E	0.050A	0.004	0	0	0	0	0	0	---	---	13
14	---	0 E	0.052	0.003	0	0	0	0	0	0	---	---	14
15	---	0 E	0.063	0.002	0	0	0	0	0	0	---	---	15
16	---	0 E	0.049	0.001	0	0	0	0	0	0	---	---	16
17	---	0.001E	0.033	0	0	0	0	0	0	0	---	---	17
18	---	0.001E	0.018	0	0	0	0	0	0	0	---	---	18
19	---	0.001E	0.010A	0	0	0	0	0	0	0	---	---	19
20	---	0.003E	0.007A	0	0	0	0	0	0	0	---	---	20
21	---	0.005E	0.005E	0	0	0	0	0	0	0	---	---	21
22	---	0.007E	0.005E	0	0	0	0	0	0	0	---	---	22
23	---	0.010E	0.004E	0	0	0	0	0	0	0	---	---	23
24	---	0.014E	0.003E	0	0	0	0	0	0	0	---	---	24
25	---	0.020A	0.002A	0	0	0	0	0	0	0	---	---	25
26	---	0.016A	0.001	0	0	0	0	0	0	0	---	---	26
27	---	0.013A	0.003	0	0	0	0	0	0	0	---	---	27
28	---	0.009	0.007	0	0	0	0	0	0	0	---	---	28
29	---		0.007	0	0	0	0	0	0	0	---	---	29
30	---		0.008	0	0	0	0	0	0	0	---	---	30
31	---		0.008		0		0	0		0		---	31
TOTAL	---	0.100	0.711	0.049	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.004	0.023	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.020	0.076	0.008	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUB.C METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.076 ON MAR 5
MINIMUM DAILY, 0 ON APR 17
MAXIMUN INSTANTANEOUS,
0.090 AT 01:20 CST ON MAR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 18 N
LONG 108 51 46 W
DRAINAGE AREA, 44.0 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	8.64	AUG	0
MAR	61.4	SEP	0
APR	4.23	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 65.6 dam³

SOURIS RIVER NEAR BECHARD - STATION NO. 05NB031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.011	0	0	0	0	0	0	---	---	1
2	---	---	0	0.007	0	0	0	0	0	0	---	---	2
3	---	---	0	0.004	0	0	0	0	0	0	---	---	3
4	---	---	0	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0	0.001	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	--	---	0.002	0	0	0	0	0	0	0	---	---	16
17	---	---	0.041	0	0	0	0	0	0	0	---	---	17
18	---	---	0.026	0	0	0	0	0	0	0	---	---	18
19	---	---	0.015	0	0	0	0	0	0	0	---	---	19
20	---	---	0.010	0	0	0	0	0	0	0	---	---	20
21	---	---	0.007	0	0	0	0	0	0	0	---	---	21
22	---	---	0.008	0	0	0	0	0	0	0	---	---	22
23	---	---	0.006	0	0	0	0	0	0	0	---	---	23
24	---	---	0.008	0	0	0	0	0	0	0	---	---	24
25	---	---	0.010	0	0	0	0	0	0	0	---	---	25
26	---	---	0.014	0	0	0	0	0	0	0	---	---	26
27	---	---	0.021	0	0	0	0	0	0	0	---	---	27
28	---	---	0.019	0	0	0	0	0	0	0	---	---	28
29	---		0.013	0	0	0	0	0	0	0	---	---	29
30	---		0.012	0	0	0	0	0	0	0	---	---	30
31	---		0.014		0		0	0		0		---	31
TOTAL	---	---	0.226	0.026	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.007	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.041	0.011	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.041 ON MAR 17
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.085 AT 15:42 CST ON MAR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 20 N
LONG 104 11 24 W
DRAINAGE AREA, 1 070 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	19.5	SEP	0
APR	2.25	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 21.8 dam³

REMARKS - DATA PRIOR TO 1980 PUBLISHED UNDER THE NAME "SOURIS RIVER BELOW LEWVAN"

SOURIS RIVER NEAR GLEN EWEN - STATION NO. 05ND001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.048B	0.055B	1.67 B	0.398B	0.174	0.030	0.001	0	0.001	0	0.014	0.123B	1
2	0.040B	0.060B	1.37 B	0.371B	0.167	0.026	0.004	0	0	0	0.012	0.116B	2
3	0.041B	0.069B	1.19 B	0.338B	0.153	0.021	0.004	0	0	0	0.010	0.111B	3
4	0.040B	0.075B	1.01 B	0.341B	0.150	0.024	0.002	0	0	0	0.011	0.104B	4
5	0.039B	0.070B	0.936B	0.322B	0.143	0.027	0	0.080	0	0	0.014	0.103B	5
6	0.038B	0.063B	0.898B	0.313B	0.119	0.022	0	0.102	0	0	0.015	0.103B	6
7	0.039B	0.061B	0.883B	0.290B	0.103	0.018	0	0.062	0	0	0.015	0.096B	7
8	0.042B	0.078B	0.816B	0.319B	0.089	0.014	0	0.050	0	0	0.015	0.088B	8
9	0.044B	0.099B	0.768B	0.293B	0.081	0.016	0 A	0.033	0	0	0.015	0.088B	9
10	0.046B	0.111B	0.769B	0.261B	0.086	0.018	0 A	0.017A	0	0	0.016	0.085B	10
11	0.049B	0.108B	0.795B	0.245B	0.089	0.016	0	0.008A	0	0	0.017	0.081B	11
12	0.051B	0.109B	0.859B	0.257B	0.075	0.012	0	0.005	0	0	0.017	0.076B	12
13	0.053B	0.110B	0.836B	0.246B	0.070	0.012	0	0.004	0	0	0.016	0.071B	13
14	0.058B	0.111B	0.787B	0.254B	0.074	0.013	0	0.004	0	0	0.015	0.066B	14
15	0.051B	0.112B	0.730B	0.258B	0.068	0.012	0	0.004	0	0	0.015	0.066B	15
16	0.051B	0.195B	0.701B	0.238B	0.065	0.009	0	0.003	0	0	0.015	0.064B	16
17	0.051B	0.791B	0.653B	0.230B	0.068	0.007	0	0.003	0	0	0.014	0.064B	17
18	0.051B	6.85 B	0.567B	0.254B	0.064	0.002	0	0.002	0	0	0.149	0.063B	18
19	0.053B	9.48 B	0.487B	0.242	0.064	0.001	0	0.002	0	0	0.173	0.063B	19
20	0.051B	9.91 B	0.445B	0.215	0.060	0.003	0	0.008	0	0	0.171B	0.061B	20
21	0.052B	8.81 B	0.448B	0.200	0.060	0.003	0	0.004	0	0	0.173B	0.061B	21
22	0.053B	7.66 B	0.373B	0.199	0.059	0.006	0	0.002	0	0	0.182B	0.068B	22
23	0.054B	6.41 B	0.389B	0.213	0.063	0.009	0	0.003	0	0	0.186B	0.067B	23
24	0.053B	4.81 B	0.351B	0.208	0.063	0.008	0	0.010	0	0	0.178B	0.067B	24
25	0.050B	4.00 B	0.318B	0.189	0.063	0.011	0	0.013	0	0	0.174B	0.066B	25
26	0.050B	3.33 B	0.317B	0.171	0.058	0.008	0	0.012	0	0.001	0.173B	0.066B	26
27	0.046B	2.61 B	0.320B	0.157	0.053	0.006	0	0.010	0	0.004	0.165B	0.066B	27
28	0.043B	1.81 B	0.350B	0.165	0.052	0.004	0	0.008	0	0.009	0.152B	0.064B	28
29	0.043B		0.366B	0.163	0.043	0.003	0	0.007	0	0.007	0.142B	0.064B	29
30	0.050B		0.192B	0.163	0.036	0.001	0	0.006	0	0.008	0.139B	0.064B	30
31	0.055B		0.401B		0.034		0	0.005		0.012		0.064B	31
TOTAL	1.485	67.957	21.195	7.513	2.546	0.362	0.011	0.467	0.001	0.041	2.403	2.409	TOTAL
MEAN	0.048	2.43	0.684	0.250	0.082	0.012	0	0.015	0	0.001	0.080	0.078	MEAN
MAX	0.058	9.91	1.67	0.398	0.174	0.030	0.004	0.102	0.001	0.012	0.186	0.123	MAX
MIN	0.038	0.055	0.317	0.157	0.034	0.001	0	0	0	0	0.010	0.061	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.291
MAXIMUM DAILY, 9.91B ON FEB 20
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
11.3B AT 15:06 CST ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 02 N
LONG 102 01 42 W
DRAINAGE AREA, 22 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128	JUL	0.95
FEB	5 870	AUG	40.3
MAR	1 830	SEP	0.09
APR	649	OCT	3.54
MAY	220	NOV	208
JUN	31.3	DEC	208

TOTAL DISCHARGE, 9 190 dam³

SOURIS RIVER NEAR HALBRITE - STATION NO. 05NB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.092B	0.096	0.028	0.001	0.004	0	0	0	0.048	0.015B	1
2	---	0 B	0.088B	0.078	0.030	0.001	0.003	0	0	0	0.049	0.014B	2
3	---	0 B	0.086B	0.066	0.031	0.003	0.003	0	0	0	0.043	---	3
4	---	0 B	0.085B	0.056	0.032	0.011	0.002	0	0	0	0.035	---	4
5	---	0 B	0.087B	0.052	0.032	0.010	0.001	0	0	0	0.030	---	5
6	---	0 B	0.089B	0.050	0.029	0.005	0	0	0	0	0.023	---	6
7	---	0 B	0.090B	0.042	0.023	0.004	0	0	0	0	0.019	---	7
8	---	0 B	0.091B	0.041	0.018	0.003	0	0	0	0	0.016	---	8
9	---	0 B	0.088B	0.051	0.012	0.003	0	0	0	0	0.013	---	9
10	---	0 B	0.082B	0.051	0.010	0.003	0	0	0	0	0.010	---	10
11	---	0 B	0.076B	0.045	0.008	0.002	0	0	0	0	0.008	---	11
12	---	0 B	0.081B	0.046	0.006	0.002	0	0	0	0	0.008	---	12
13	---	0 B	0.086B	0.043	0.005	0.004	0	0	0	0.001	0.021	---	13
14	---	0 B	0.080B	0.041	0.005	0.014	0	0	0	0.008	0.031	---	14
15	---	0.010B	0.081B	0.042	0.004	0.010	0	0	0	0.010	0.031	---	15
16	---	0.025B	0.084B	0.042	0.003	0.006	0	0	0	0.011	0.038	---	16
17	---	0.350B	0.081B	0.039	0.003	0.004	0	0	0	0.010	0.045	---	17
18	---	0.514B	0.084B	0.037	0.002	0.003	0	0	0	0.007	0.056	---	18
19	---	0.440B	0.082B	0.036	0.002	0.004	0	0	0	0.006	0.058B	---	19
20	---	0.360B	0.086B	0.033	0.002	0.004	0	0	0	0.005	0.053B	---	20
21	---	0.280B	0.082B	0.031	0.002	0.004	0	0	0	0.004	0.049B	---	21
22	---	0.207B	0.076B	0.027	0.002	0.004	0	0	0	0.003	0.046B	---	22
23	---	0.216B	0.072B	0.026	0.002	0.003	0	0	0	0.003	0.044B	---	23
24	---	0.204B	0.071B	0.028	0.002	0.002	0	0	0	0.003	0.044B	---	24
25	---	0.180B	0.073B	0.028	0.002	0.001	0	0	0	0.004	0.042B	---	25
26	---	0.122B	0.074B	0.027	0.002	0	0	0	0	0.026	0.037B	---	26
27	---	0.093B	0.083B	0.030	0.002	0.001	0	0	0	0.042	0.030B	---	27
28	---	0.093B	0.110B	0.031	0.002	0.002	0	0	0	0.045	0.024B	---	28
29	---		0.117B	0.032	0.001	0.004	0	0	0	0.045	0.020B	---	29
30	---		0.124B	0.029	0.001	0.004	0	0	0	0.048	0.018B	---	30
31	---		0.115B		0.001		0	0		0.049		---	31
TOTAL	---	3.094	2.696	1.276	0.304	0.122	0.013	0	0	0.330	0.989	---	TOTAL
MEAN	---	0.111	0.087	0.043	0.010	0.004	0	0	0	0.011	0.033	---	MEAN
MAX	---	0.514	0.124	0.096	0.032	0.014	0.004	0	0	0.049	0.058	---	MAX
MIN	---	0	0.071	0.026	0.001	0	0	0	0	0	0.008	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.124B ON MAR 30
MINIMUM DAILY, 0 ON JUN 26
MAXIMUM INSTANTANEOUS,
0.584B AT 14:30 CST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 37 N
LONG 103 39 44 W
DRAINAGE AREA, 3 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.12
FEB	267	AUG	0
MAR	233	SEP	0
APR	110	OCT	28.5
MAY	26.3	NOV	85.4
JUN	10.5	DEC	---

TOTAL DISCHARGE, 409 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

SOURIS RIVER NEAR LENVAN - STATION NO. 05NB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 104 04 33 W
DRAINAGE AREA, 590 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SOURIS RIVER NEAR MCTAGGART - STATION NO. 05MB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	0.036E	0E	0 E	0 E	0E	0A	0E	---	---	1
2	---	---	0 E	0.029E	0E	0 E	0 E	0E	0E	0E	---	---	2
3	---	---	0 E	0.022E	0E	0 E	0 E	0E	0E	0E	---	---	3
4	---	---	0 A	0.015E	0E	0 E	0 E	0E	0E	0E	---	---	4
5	---	---	0 E	0.010E	0E	0 E	0 E	0E	0E	0E	---	---	5
6	---	---	0 E	0.008E	0E	0 E	0 E	0E	0E	0E	---	---	6
7	---	---	0 E	0.006E	0E	0 E	0 E	0E	0E	0E	---	---	7
8	---	---	0 E	0.001E	0E	0 E	0 A	0E	0E	0E	---	---	8
9	---	---	0 E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	9
10	---	---	0 E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	10
11	---	---	0 E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	11
12	---	---	0 E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	12
13	---	---	0 E	0 E	0E	0.001E	0 E	0E	0E	0E	---	---	13
14	---	---	0 E	0 E	0E	0.012E	0.001E	0E	0E	0E	---	---	14
15	---	---	0 E	0 E	0E	0.013E	0.001E	0E	0E	0E	---	---	15
16	---	---	0 A	0 E	0E	0.002E	0.001E	0E	0E	0E	---	---	16
17	---	---	0.,18E	0 E	0E	0.016E	0 E	0E	0E	0E	---	---	17
18	---	---	0.050E	0 E	0E	0.036E	0 E	0E	0E	0E	---	---	18
19	---	---	0.081E	0 E	0E	0.033E	0 E	0E	0E	0E	---	---	19
20	---	---	0.072E	0 E	0E	0.020E	0 E	0E	0E	0E	---	---	20
21	---	---	0.051E	0 E	0E	0.015E	0 E	0E	0E	0E	---	---	21
22	---	---	0.040E	0 E	0E	0.010E	0 E	0E	0E	0E	---	---	22
23	---	---	0.033E	0 E	0E	0.004E	0 E	0E	0E	0E	---	---	23
24	---	---	0.031A	0 E	0E	0.001E	0 E	0E	0E	0E	---	---	24
25	---	---	0.030E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	25
26	---	---	0.026E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	26
27	---	---	0.025E	0 E	0E	0 E	0 A	0E	0E	0E	---	---	27
28	---	---	0.032E	0 E	0A	0 E	0 E	0E	0E	0A	---	---	28
29	---		0.034E	0 A	0E	0 E	0 E	0E	0A	0E	---	---	29
30	---		0.032E	0 E	0E	0 E	0 E	0E	0E	0E	---	---	30
31	---		0.036E		0E		0 E	0E		0E		---	31
TOTAL	---	---	0.587	0.127	0	0.163	0.003	0	0	0	---	---	TOTAL
MEAN	---	---	0.019	0.004	0	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0.081	0.036	0	0.036	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.081E ON MAR 19
MINIMUM DAILY, 0E ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 10 N
LONG 104 00 56 W
DRAINAGE AREA, 2 020 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	0
MAR	50.7	SEP	0
APR	11.0	OCT	0
MAY	0	NOV	---
JUN	14.1	DEC	---

TOTAL DISCHARGE, 76.1 dam³

SOURIS RIVER NEAR ROCHE PERCEE - STATION NO. 05NB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.030B	0.805B	0.064	0.033	0.018	0.004	0.011	0.019	0	0.284	---	1
2	---	0.030B	0.675B	0.060	0.034	0.007A	0.006	0.009	0.011	0.001	0.353	---	2
3	---	0.030B	0.419B	0.057	0.035	0.007E	0.007	0.006	0.009	0.001	0.312	---	3
4	---	0.030B	0.284B	0.056	0.038	0.007E	0.007	0.002	0.007	0.001	0.544A	---	4
5	---	0.030B	0.240B	0.056	0.043	0.006E	0.010	0	0.005	0.001	---	---	5
6	---	0.030B	0.371B	0.054	0.046	0.006E	0.011	0	0.002	0	---	---	6
7	---	0.030B	0.387B	0 049	0.047	0.006E	0.011	0	0.001	0	---	---	7
8	---	0.030B	0.353B	0.046	0.057	0.006E	0.012	0.030	0	0	---	---	8
9	---	0.030B	0.310B	0.042	0.073	0.006E	0.012	0.065	0	0.001	---	---	9
10	---	0.030B	0.320B	0.041	0.082	0.005E	0.012	0.044	0	0.002	---	---	10
11	---	0.030B	0.315B	0.041	0.086	0.005E	0.013	0.035	0	0.003	---	---	11
12	---	0.030B	0.267B	0.040	0.086	0.005E	0.013	0.027	0	0.007	---	---	12
13	---	0.030B	0.195B	0.041	0.089	0.005E	0.013	0.018	0	0.011	---	---	13
14	---	0.030B	0.164B	0.041	0.093	0.005E	0.011	0.013	0	0.011	---	---	14
15	---	0.030B	0.161B	0.040	0.112	0.005E	0.009	0.012	0	0.009	---	---	15
16	---	0.750B	0.184B	0.036	0.126	0.004E	0.008	0.011	0	0.008	---	---	16
17	---	1.00 B	0.166B	0.033	0.124	0.004E	0.007	0.012	0	0.008	---	---	17
18	---	1.29 B	0.140B	0.032	0.048	0.004E	0.005	0.016	0	0.007	---	---	18
19	---	1.71 B	0.108B	0.030	0.040	0.004E	0.003	0.036	0	0.007	---	---	19
20	---	1.70 B	0.092B	0.023	0.041	0.004E	0.001	0.059	0	0.006	---	---	20
21	---	1.73 B	0.077B	0.018	0.045	0.004E	0.001	0.167	0	0.005	---	---	21
22	---	2.01 B	0.066	0.014	0.038	0.003E	0	0.105	0	0.005	---	---	22
23	---	2.16 B	0.065	0.010	0.004	0.003E	0	0.046	0	0.005	---	---	23
24	---	1.87 B	0.062	0.005	0.008	0.003E	0	0.040	0	0.005	---	---	24
25	---	1.58 B	0.050	C	0.020	0.003E	0.001	0.040	0	0.005	---	---	25
26	---	0.987B	0.044	0.001	0.022	0.003E	0.001	0.050	0	0.006	---	---	26
27	---	0.733B	0.042	0.008	0.022	0.002E	0.004	0.088	0	0.009	---	---	27
28	---	0.989B	0.049	0.016	0.025	0.002E	0.006	0.082	0	0.013	---	---	28
29	---		0.050	0.033	0.025	0.002E	0.010	0.064	0	0.018	---	---	29
30	---		0.052	0.036	0.025	0.002A	0.012	0.044	0	0.034	---	---	30
31	---		0.071		0.024		0.012	0.032		0.167		---	31
TOTAL	---	18.959	6.584	1.023	1.591	0.146	0.222	1.164	0.054	0.356	---	---	TOTAL
MEAN	---	0.677	0.212	0.034	0.051	0.005	0.007	0.038	0.002	0.011	---	---	MEAN
MAX	---	2.16	0.805	0.064	0.126	0.018	0.013	0.167	0.019	0.167	---	---	MAX
MIN	---	0.030	0.042	0	0.004	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 0.805B ON MAR 1
MINIMUM DAILY, 0 ON APR 25
MAXIMUM INSTANTANEOUS,
2.75B AT 02:20 CST ON FEB 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 34 N
LONG 102 45 53 W
DRAINAGE AREA, 12 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19.2
FEB	1 640	AUG	101
MAR	569	SEP	4.67
APR	88.4	OCT	30.8
MAY	137	NOV	---
JUN	12.6	DEC	---

TOTAL DISCHARGE, 963 dam³

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

SOURIS RIVER NEAR SHERWOOD - STATION NO. 05ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.076B	0.054B	4.25 B	0.481	0.227	0.062	0.023	0.006	0.021	0.007	0.007	0.023B	1
2	0.076B	0.054B	3.11 B	0.481	0.221	0.057	0.023	0.006	0.021	0.007	0.007	0.023B	2
3	0.076B	0.054B	1.98 B	0.481	0.215	0.051	0.020	0.006	0.021	0.007	0.007	0.023B	3
4	0.076B	0.054B	1.93 B	0.453	0.210	0.048	0.020	0.005	0.020	0.007	0.007	0.021B	4
5	0.076B	0.054B	1.76 B	0.396	0.210	0.048	0.018	0.006	0.020	0.006	0.008	0.021B	5
6	0.076B	0.054B	1.64 B	0.396	0.210	0.048	0.017	0.028	0.020	0.006	0.008	0.021B	6
7	0.076B	0.054B	1.53 B	0.396	0.207	0.045	0.017	0.028	0.018	0.006	0.010	0.021B	7
8	0.074B	0.054B	1.42 B	0.368	0.215	0.045	0.017	0.025	0.018	0.006	0.010	0.021B	8
9	0.074B	0.054B	1.36 B	0.340	0.207	0.045	0.017	0.025	0.017	0.006	0.011	0.021B	9
10	0.074B	0.051B	1.33	0.340	0.195	0.042	0.017	0.025	0.017	0.006	0.013	0.021B	10
11	0.074B	0.051B	1.50	0.340	0.187	0.042	0.017	0.024	0.017	0.006	0.016	0.021B	11
12	0.074B	0.051B	1.44	0.311	0.176	0.042	0.016	0.024	0.017	0.007	0.017	0.021B	12
13	0.074B	0.048B	1.36	0.311	0.170	0.040	0.014	0.023	0.016	0.008	0.017	0.021B	13
14	0.074B	0.048B	1.36	0.283	0.153	0.040	0.014	0.023	0.016	0.008	0.018	0.021B	14
15	0.074B	0.051B	1.39	0.283	0.147	0.040	0.014	0.021	0.014	0.008	0.018	0.021B	15
16	0.074B	0.099B	1.22	0.280	0.142	0.037	0.014	0.021	0.014	0.008	0.020	0.020B	16
17	0.074B	2.83 B	1.10	0.280	0.142	0.037	0.013	0.021	0.014	0.008	0.020	0.020B	17
18	0.074B	7.08 B	1.16	0.280	0.133	0.037	0.011	0.021	0.013	0.007	0.020	0.020B	18
19	0.071B	10.6 B	0.765	0.275	0.125	0.034	0.010	0.021	0.013	0.007	0.020	0.020B	19
20	0.068B	13.9 B	0.765	0.261	0.116	0.034	0.008	0.021	0.011	0.007	0.020B	0.020B	20
21	0.068B	16.6 B	0.736	0.255	0.108	0.034	0.008	0.020	0.011	0.007	0.020B	0.020B	21
22	0.065B	12.9 B	0.595	0.255	0.099	0.031	0.008	0.020	0.011	0.007	0.023B	0.020B	22
23	0.065B	11.2 B	0.651	0.261	0.091	0.031	0.008	0.020	0.010	0.007	0.025B	0.020B	23
24	0.065B	9.77 B	0.651	0.249	0.091	0.031	0.008	0.020	0.010	0.007	0.028B	0.020B	24
25	0.065B	8.35 B	0.623	0.241	0.091	0.028	0.008	0.020	0.008	0.007	0.028B	0.020B	25
26	0.062B	7.36 B	0.595	0.235	0.085	0.028	0.008	0.020	0.008	0.007	0.028B	0.020B	26
27	0.059B	6.23 B	0.510	0.229	0.082	0.028	0.008	0.020	0.008	0.007	0.025B	0.020B	27
28	0.057B	5.80 B	0.566	0.235	0.076	0.027	0.008	0.020	0.007	0.007	0.024B	0.020B	28
29	0.057B		0.538	0.235	0.071	0.025	0.007	0.020	0.007	0.007	0.023B	0.020B	29
30	0.057B		0.510	0.229	0.065	0.024	0.007	0.020	0.007	0.007	0.023B	0.020B	30
31	0.057B		0.510		0.062		0.007	0.020		0.007		0.020B	31
TOTAL	2.162	113.505	38.855	9.460	4.529	1.161	0.405	0.600	0.425	0.215	0.521	0.641	TOTAL
MEAN	0.070	4.05	1.25	0.315	0.146	0.039	0.013	0.019	0.014	0.007	0.017	0.021	MEAN
MAX	0.076	16.6	4.25	0.481	0.227	0.062	0.023	0.028	0.021	0.008	0.028	0.023	MAX
MIN	0.057	0.048	0.510	0.229	0.062	0.024	0.007	0.005	0.007	0.006	0.007	0.020	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.473
MAXIMUM DAILY, 16.6B ON FEB 21
MINIMUM DAILY, 0.005 ON AUG 4
MAXIMUM INSTANTANEOUS,
18.7B AT 04:30 CST ON FEB 21

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 24 N
LONG 101 57 28 W
DRAINAGE AREA, 22 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	187	JUL	35.0
FEB	9 810	AUG	51.8
MAR	3 360	SEP	36.7
APR	817	OCT	18.6
MAY	391	NOV	45.0
JUN	100	DEC	55.4

TOTAL DISCHARGE, 14 900 dam³

SOUTH SASKATCHEWAN RIVER AT SASKATOON - STATION NO. 05HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	305B	315	229	176	96.6	554	405	527	345A	277	218	250B	1
2	320B	322	232	206	92.5	561	377	654	340	271	180	244B	2
3	324B	314	216	234	87.1	565	347	655	346	239	181	237B	3
4	308	313	232	241	89.0	566	338	661	330	248	193	225B	4
5	326	331	214	244	86.0	514	398	663	324	230	174	195B	5
6	344	312	224	249	74.2	430	412	660	310	225	183	224B	6
7	342	311	225	224	60.8	424	400	659	271	231	191	226B	7
8	329	276	240	255	55.4	416	395	656	298	230	184	228B	8
9	357	279	236	257	52.6	420	404	661	279	225	201	234B	9
10	351	293	255	241	51.6	418	421	665	273	227	219	240B	10
11	352	304	219	286	51.2	419	421	613	283	185	231	226B	11
12	382	326	172	205	49.9	420	400	421	291	206	227	156	12
13	375	336	178	201	57.7	424	331	399	283	225	203	175	13
14	357	352	188	182	52.9	443	354	438A	283	273	205	177	14
15	342	362	195	189	53.2	462	314	438E	315	300	265	193	15
16	315	381	203	164	53.6	549	317	401E	268	305	281	224	16
17	314	363	198	167	56.3	562	400	401E	242	289	285	255	17
18	297	371	168	179	56.6	562	434	418E	247	280	282	244B	18
19	285	355	133	146	49.1	565	420	408E	211	228	270	251B	19
20	290	267	127	125	53.2	563	432	404E	243	191	294	258B	20
21	309	252	76.5	117	53.0	567	442	399E	220	174	310	259B	21
22	267	216	63.8	117	48.2	563	401	408E	231	207	298	263B	22
23	249	200	122	120	51.5	564	399	403E	232	233	308	260B	23
24	283	195	168	117	56.2	566	366	382E	217	198	286	255B	24
25	316	209	177	116	63.1	557	338	390E	218	181	262	247B	25
26	325	208	157	113	74.8	561	335	389E	237	171	306	241B	26
27	311	216	138	110	204	551	336	408E	254	177	295	239B	27
28	325	233	139	110	407	353	360	409E	246	210	263	235B	28
29	325		147	115	574	324	376	409E	243	187	274B	238B	29
30	267		148	109	585	331	395	409E	272	186	260B	238B	30
31	268		155		550		425	408E		217		240B	31
TOTAL	9 860	8 212	5 575.3	5 315	3 946.3	14 774	11 893	15 216	8 152	7 026	7 329	7 177	TOTAL
MEAN	318	293	180	177	127	492	384	491	272	227	244	232	MEAN
MAX	382	381	255	286	585	567	442	665	346	305	310	263	MAX
MIN	249	195	63.8	109	48.2	324	314	382	211	171	174	156	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 286
MAXIMUM DAILY, 665 ON AUG 10
MINIMUM DAILY, 48.2 ON MAY 22
MAXIMUM INSTANTANEOUS,
666 AT 20:25 CST ON AUG 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 26 N
LONG 106 38 40 W
DRAINAGE AREA, 141 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	852 000	JUL	1 030 000
FEB	710 000	AUG	1 310 000
MAR	482 000	SEP	704 000
APR	459 000	OCT	607 000
MAY	341 000	NOV	633 000
JUN	1 280 000	DEC	620 000

TOTAL DISCHARGE, 9 030 000 dam³

SOUTH SASKATCHEWAN RIVER AT ST. LOUIS - STATION NO. 05HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	289B	252B	222 B	137B	121	527	298	382	330	268	201	236B	1
2	309B	288B	221 B	152B	109	529	361	496	315	276	224	208B	2
3	300B	318B	200 B	180B	100	532	351	621	326	270	187	225B	3
4	279B	314B	189 B	220B	99.1	534	323	622	330	245	175	229B	4
5	265B	311B	201 B	235B	89.2	533	303	632	319	236	191	227B	5
6	274B	320B	203 B	244B	86.2	469	352	629	306	235	182	204B	6
7	304B	317B	213 B	239B	89.8	397	374	622	304	218	174	195B	7
8	308B	296B	228 B	227B	76.8	391	364	622	261	225	190	208B	8
9	295B	283B	221 B	237B	64.9	382	355	619	275	232	190	212B	9
10	293B	259B	251 B	267B	61.6	388	361	630	277	221	195	217B	10
11	305B	269B	259 B	261B	59.4	385	379	630	264	223	208	231B	11
12	306B	297B	243 B	220B	58.5	386	373	562	275	200	234	214B	12
13	344B	315B	207 B	196B	57.5	386	346	385	282	183	234	161B	13
14	345B	335B	162 B	211	53.7	393	290A	363	278	220	196	157B	14
15	338B	351B	179 B	204	61.1	413	305E	362	280	253	213	157B	15
16	319B	367B	190 B	198	53.9	428	265E	358	299	293	238	147B	16
17	297B	384B	204 B	196	55.5	521	265E	345	279	299	280	172B	17
18	284B	368B	201 B	168	55.0	535	350E	350	242	288	278	197B	18
19	279B	369B	181 B	185	58.5	532	385E	355	245	277	281	212B	19
20	262B	370B	143 B	163	58.8	537	370E	350	226	241	272	214B	20
21	260B	303B	116 B	146	53.4	542	384A	348	231	174	282	210B	21
22	290B	248B	76.5B	129	55.4	539	396	349	230	187	316B	205B	22
23	282B	217B	59.4B	123	53.6	535	364	351	217	180	289B	200B	23
24	236B	186B	49.7B	125	51.0	537	354	347	232	141	280B	198B	24
25	262B	169B	114 B	121	52.1	535	333	340	220	141	259B	197B	25
26	296B	182B	187 B	119	57.1	518	301	340	222	192	238B	196B	26
27	320B	201B	184 B	117	65.2	526	297	350	232	190	264B	195B	27
28	316B	200B	148 B	115	144	506	296	361	253	169	253B	195B	28
29	312B		136 B	114	437	336	317	363	246	202	235B	194B	29
30	319B		136 B	123	593	300	337	361	236	198	249B	194B	30
31	282B		142 B		572		355	356		185		193B	31
TOTAL	9 170	8 089	5 466.6	5 372	3 603.3	14 072	10 504	13 801	8 032	6 862	7 008	6 200	TOTAL
MEAN	296	289	176	179	116	469	339	445	268	221	234	200	MEAN
MAX	345	384	259	267	593	542	396	632	330	299	316	236	MAX
MIN	236	169	49.7	114	51.0	300	265	340	217	141	174	147	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 269
MAXIMUM DAILY, 632 ON AUG 5
MINIMUM DAILY, 49.7B ON MAR 24
MAXIMUM INSTANTANEOUS,
636 AT 22:57 CST ON AUG 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 25 N
LONG 105 48 20 W
DRAINAGE AREA, 148 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	792 000	JUL	908 000
FEB	699 000	AUG	1 190 000
MAR	472 000	SEP	694 000
APR	464 000	OCT	593 000
MAY	311 000	NOV	605 000
JUN	1 220 000	DEC	536 000

TOTAL DISCHARGE, 8 480 000 dam³

SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM - STATION NO. 05HF004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1.910	---	1.628	1.083	---	---	---	---	1.564	1.307	---	1
2	---	1.904A	---	1.583	1.079	---	---	---	---	1.508	1.385	1.549	2
3	---	1.894A	---	1.560	1.061	---	---	---	---	1.551	1.350	1.490	3
4	---	2.026A	---	1.535	1.058	---	---	---	---	1.467	1.325	1.533	4
5	---	---	1.534	1.539	0.931	---	---	---	---	1.488	1.388	1.528	5
6	---	---	1.478	1.618	0.890	---	---	---	---	1.502	1.385	1.445	6
7	---	---	1.576	1.660	0.890	---	---	---	---	1.466	1.381	1.529	7
8	---	---	1.661	1.618	0.890	---	---	---	---	1.474	1.392	1.570	8
9	---	---	1.523	1.651	0.887	---	---	---	---	1.404	1.565	1.515	9
10	---	---	1.406	1.694	0.817	---	---	---	1.704	1.324	1.519	1.502	10
11	---	---	1.400	1.504	0.921	---	---	---	1.675	1.500	1.348	1.618	11
12	---	---	1.395	1.496	0.879	---	---	---	1.679	1.537	1.500	1.509	12
13	---	---	1.421	1.442	0.912	---	---	---	1.679	1.683	1.465	1.566	13
14	---	---	1.479	1.494	0.892	---	---	---	1.711	1.716	1.686	1.561	14
15	---	---	1.390	1.424	0.885	---	---	---	1.583	1.708	1.645	1.617	15
16	---	---	1.330	1.515	0.907	---	---	---	1.604	1.651	1.663	1.680	16
17	---	---	1.255	1.364	0.832	---	---	---	1.605	1.604	1.648	1.644	17
18	---	---	1.282	1.300	0.923	---	---	---	1.512	1.442	1.622	1.646	18
19	---	---	1.252	1.265	0.886	---	---	---	1.580	1.358	1.720A	1.639	19
20	1.861	---	1.273	1.249	0.847	---	---	---	1.461	1.347	---	1.681	20
21	1.706	---	1.290	1.298	0.897	---	---	---	1.532	1.507	---	1.665	21
22	1.833	---	1.389	1.286	0.896	---	---	---	1.506	1.534	---	1.660	22
23	1.857	---	1.316	1.273	0.974	---	---	---	1.513	1.350	---	1.666	23
24	1.917	---	1.279	1.200A	1.026	---	---	---	1.492	1.307	---	1.675	24
25	1.920	---	1.277	1.201	1.273	---	---	---	1.597	1.300	---	1.655	25
26	1.903	---	1.280	1.169	2.015	---	---	---	1.567	1.429	---	1.673	26
27	1.926	---	1.262	1.198	2.159	---	---	---	1.495	1.393	---	1.705	27
28	1.896	---	1.316	1.170	2.293A	---	---	---	1.612	1.324	---	1.860	28
29	1.898		1.294	1.146	---	---	---	---	1.644	1.345	---	2.072	29
30	1.878		1.361	1.108	---	---	---	---	1.616	1.508	---	1.893	30
31	1.890		1.454		---		---	---		1.340		1.814	31
MEAN	---	---	---	1.403	---	---	---	---	---	1.472	---	---	MEAN
MAX	---	---	---	1.694	---	---	---	---	---	1.716	---	---	MAX
MIN	---	---	---	1.108	---	---	---	---	---	1.300	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 20 N
LONG 106 57 19 W

A - MANUAL GAUGE

REGULATED SINCE 1964

DRAINAGE AREA,
136 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 496.824 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SPANGLER DITCH NEAR GOVENLOCK - STATION NO. 11AB060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.543	0	0	0	0	---	---	1
2	---	---	0	0	0	0.553	0	0	0	0	---	---	2
3	---	---	0	0	0	0.549	0	0	0	0	---	---	3
4	---	---	0	0	0	0.463	0	0	0	0	---	---	4
5	---	---	0	0	0	0.412	0	0	0	0	---	---	5
6	---	---	0	0	0	0.416	0	0	0	0	---	---	6
7	---	---	0	0	0	0.417	0	0	0	0	---	---	7
8	---	---	0	0	0	0.364	0	0	0	0	---	---	8
9	---	---	0	0	0	0.291	0	0	0	0	---	---	9
10	---	---	0	0	0	0.012	0	0	0	0	---	---	10
11	---	---	0	0	0	0.119	0	0	0	0	---	---	11
12	---	---	0	0	0	0.189	0	0	0	0	---	---	12
13	---	---	0	0	0	0.187	0	0.040	0	0	---	---	13
14	---	---	0	0	0	0.188	0	0	0	0	---	---	14
15	---	---	0	0	0	0.186	0	0	0	0	---	---	15
16	---	---	0	0	0	0.155	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0.025	0	0	0	0	0	---	---	20
21	---	---	0	0	0.848	0	0	0	0	0	---	---	21
22	---	---	0	0	0.964	0	0	0	0	0	---	---	22
23	---	---	0	0	0.985	0	0	0	0	0	---	---	23
24	---	---	0	0	0.995	0	0	0	0	0	---	---	24
25	---	---	0	0	1.01	0	0	0	0	0	---	---	25
26	---	---	0	0	1.02	0	0	0	0	0	---	---	26
27	---	---	0	0	1.02	0	0	0	0	0	---	---	27
28	---	---	0	0	1.06	0	0	0	0	0	---	---	28
29	---		0	0	1.09	0	0	0	0	0	---	---	29
30	---		0	0	1.09	0	0	0	0	0	---	---	30
31	---		0		0.856		0	0		0		---	31
TOTAL	---	---	0	0	10.963	5.044	0	0.040	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.354	0.168	0	0.001	0	0	---	---	MEAN
MAX	---	---	0	0	1.09	0.553	0	0.040	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 1.09 ON MAY 29
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 16 N
LONG 109 54 58 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	3.46
MAR	0	SEP	0
APR	0	OCT	0
MAY	947	NOV	---
JUN	436	DEC	---

TOTAL DISCHARGE, 1 390 dam³

SPIRIT CREEK NEAR BUCHANAN - STATION NO. 05MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.051B	0.007B	0.001	0	0	0.001	0	0	0.012	---	1
2	---	---	0.051B	0.008B	0	0	0.121	0.001	0	0	0.015A	---	2
3	---	---	0.051B	0.006B	0	0	0.045	0.001	0	0	---	---	3
4	---	---	0.052B	0.004B	0	0	0.009	0.001	0	0	---	---	4
5	---	---	0.054B	0.003B	0	0	0.005	0 A	0	0 A	---	---	5
6	---	---	0.056B	0.002B	0	0	0.003	0	0	0	---	---	6
7	---	---	0.058B	0.002B	0	0	0.003	0	0	0	---	---	7
8	---	---	0.060B	0.002B	0	0	0.003	0	0	0	---	---	8
9	---	---	0.062B	0.001B	0	0	0.002	0	0	0	---	---	9
10	---	---	0.065B	0.001B	0	0	0.002	0	0	0	---	---	10
11	---	---	0.067B	0.001B	0	0	0.001	0	0	0	---	---	11
12	---	---	0.070B	0.001B	0 A	0	0.001	0	0	0	---	---	12
13	---	---	0.102B	0.001B	0	0	0.001	0	0	0.003	---	---	13
14	---	---	0.198B	0.001B	0	0	0.001	0	0	0.017	---	---	14
15	---	---	0.478B	0.001B	0	0	0.002	0	0	0.011	---	---	15
16	---	---	0.353B	0.001	0	0	0.003	0	0	0.010	---	---	16
17	---	---	0.349B	0.001	0	0	0.003	0	0	0.010	---	---	17
18	---	---	0.225B	0.001	0	0	0.003	0	0	0.010	---	---	18
19	---	---	0.131B	0.001	0	0	0.002	0	0	0.010	---	---	19
20	---	---	0.091B	0.001	0	0	0.001	0	0	0.011	---	---	20
21	---	---	0.067B	0.001	0	0	0.001	0	0	0.013	---	---	21
22	---	---	0.041B	0.001	0	0	0.001	0	0	0.021	---	---	22
23	---	---	0.031B	0.001	0	0	0.001	0	0	0.010	---	---	23
24	---	---	0.024B	0.001	0	0	0.001	0	0	0.009	---	---	24
25	---	---	0.020B	0.001	0	0	0.001	0	0	0.007	---	---	25
26	---	---	0.015B	0.001	0	0	0.001	0	0	0.007	---	---	26
27	---	---	0.011B	0.001	0	0	0.001	0	0	0.006	---	---	27
28	---	---	0.008B	0	0	0	0.001	0	0	0.007	---	---	28
29	---		0.007B	0.001	0	0A	0.001	0	0	0.008	---	---	29
30	---		0.006B	0.001	0	0	0.001	0	0	0.010	---	---	30
31	---		0.008B		0		0.001	0		0.010		---	31
TOTAL	---	---	2.862	0.055	0.001	0	0.222	0.004	0	0.190	---	---	TOTAL
MEAN	---	---	0.092	0.002	0	0	0.007	0	0	0.006	---	---	MEAN
MAX	---	---	0.478	0.008	0.001	0	0.121	0.001	0	0.021	---	---	MAX
MIN	---	---	0.006	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.478B ON MAR 15
MINIMUM DAILY, 0 ON APR 28
MAXIMUM INSTANTANEOUS,
0.658B AT 02:53 CST ON MAR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 36 N
LONG 102 48 21 W
DRAINAGE AREA, 259 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19.2
FEB	---	AUG	0.35
MAR	247	SEP	0
APR	4.75	OCT	16.4
MAY	0.09	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 288 dam³

SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR - STATION NO. 05GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005	0.043E	0.209	0.761	5.26	0.302	0.293	0.238	0.272	0.180	0.051	0.017	1
2	0.005	0.046E	0.209	0.774	5.29	0.300	0.288	0.227	0.255	0.188	0.032	0.017	2
3	0.006	0.050E	0.214	0.778	5.29	0.300	0.288	0.224	0.249	0.194	0.019	0.016	3
4	0.006	0.053A	0.220	0.783	5.20	0.297	0.274	0.214	0.240	0.194	0.012	0.017	4
5	0.006	0.055	0.227	0.785	5.06	0.294	0.265	0.213	0.232	0.195	0.010	0.017	5
6	0.006	0.061	0.227	1.60	4.92	0.291	0.263	0.214	0.237	0.190	0.010	0.015	6
7	0.006	0.066A	0.235	2.38	4.72	0.298	0.189	0.214	0.241	0.195	0.009	0.012	7
8	0.007	0.068E	0.236	2.33	4.61	0.292	0.063	0.214	0.239	0.199	0.008	0.012	8
9	0.007	0.072E	0.235	2.31	4.34	0.281	0.075	0.212	0.239	0.214	0.009	0.011	9
10	0.007	0.076E	0.237	2.25	4.20	0.276	0.062	0.208	0.197	0.209	0.009	0.013	10
11	0.007	0.080E	0.240	2.24	4.01	0.268	0.022	0.207	0.164	0.209	0.010	0.012	11
12	0.008	0.084E	0.242	2.30	3.40	0.265	0.023	0.207	0.133	0.220	0.010	0.011	12
13	0.008	0.088E	0.487	2.26	2.61	0.258	0.023	0.210	0.102	0.212	0.010	0.009	13
14	0.009E	0.092E	0.679	2.23	2.65	0.250	0.028	0.210	0.084	0.203	0.010	0.008	14
15	0.010E	0.096E	0.683	2.23	2.56	0.245	0.030	0.210	0.124	0.200	0.018	0.008	15
16	0.012E	0.102E	0.691	2.24	2.37	0.245	0.031	0.210	0.186	0.207	0.016	0.008	16
17	0.014E	0.108E	0.699	2.22	1.78	0.259	0.027	0.208	0.189	0.219	0.014	0.008	17
18	0.016E	0.112E	0.704	1.85	1.23	0.247	0.025	0.210	0.193	0.208	0.015	0.008	18
19	0.019E	0.118E	0.709	1.90	1.21	0.249	0.027	0.216	0.184	0.211	0.014	0.008	19
20	0.021E	0.124E	0.712	2.02	1.22	0.254	0.028	0.224A	0.189	0.209	0.014	0.008	20
21	0.024E	0.130E	0.728	2.13	1.18	0.258	0.032A	0.228	0.191	0.202	0.014	0.008	21
22	0.025E	0.136E	0.720	3.00	1.13	0.254	0.029A	0.229	0.195	0.197	0.013	0.008	22
23	0.026E	0.145E	0.697	3.61	1.09	0.258	0.139	0.197	0.203	0.191	0.014	0.008	23
24	0.027E	0.155E	0.676	3.60	1.06	0.268	0.264	0.186	0.202	0.190	0.014	0.008	24
25	0.028E	0.166A	0.676	3.61	1.02	0.278	0.264	0.189	0.191	0.194	0.014	0.009	25
26	0.030E	0.180E	0.671	3.68	0.988	0.284	0.261	0.189	0.198	0.196	0.014	0.009	26
27	0.032E	0.191A	0.678	3.73	0.887	0.310	0.250	0.188	0.185	0.196	0.014	0.010	27
28	0.034E	0.197	0.679	3.79	0.826	0.302	0.243	0.180	0.181	0.195	0.015	0.010	28
29	0.036E		0.698	3.97	0.539	0.285	0.237	0.231	0.187	0.197	0.016	0.010	29
30	0.038E		0.721	4.83	0.311	0.284	0.243	0.277	0.183	0.160	0.016	0.010	30
31	0.041E		0.735		0.309		0.241	0.274		0.082		0.009	31
TOTAL	0.526	2.894	15.774	72.191	81.270	8.252	4.527	6.658	5.865	6.056	0.444	0.334	TOTAL
MEAN	0.017	0.103	0.509	2.41	2.62	0.275	0.146	0.215	0.196	0.195	0.015	0.011	MEAN
MAX	0.041	0.197	0.735	4.83	5.29	0.310	0.293	0.277	0.272	0.220	0.051	0.017	MAX
MIN	0.005	0.043	0.209	0.761	0.309	0.245	0.022	0.180	0.084	0.082	0.008	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.561
MAXIMUM DAILY, 5.29 ON MAY 2
MINIMUM DAILY, 0.005 ON JAN 1
MAXIMUM INSTANTANEOUS,
5.33 AT 20:46 CST ON MAY 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W
DRAINAGE AREA, 670 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45.4	JUL	391
FEB	250	AUG	575
MAR	1 360	SEP	507
APR	6 240	OCT	523
MAY	7 020	NOV	38.4
JUN	713	DEC	28.9

TOTAL DISCHARGE, 17 700 dam³

SPRUCE RIVER DIVERSION TO EMMA LAKE - STATION NO. 05GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.556	0.534	0.552	0.550	0.650	0	---	---	1
2	---	---	0B	0 B	0.544	0.534	0.558	0.550	0.651	0	---	---	2
3	---	---	0B	0 B	0.549	0.528	0.554	0.551	0.661	0	---	---	3
4	---	---	0B	0 B	0.552	0.523	0.551	0.547	0.660	0	---	---	4
5	---	---	0B	0 B	0.552	0.520	0.550	0.554	0.660	0	---	---	5
6	---	---	0B	0 B	0.558	0.517	0.551	0.557	0.657	0	---	---	6
7	---	---	0B	0 B	0.562	0.520	0.551	0.558	0.412	0	---	---	7
8	---	---	0B	0 B	0.560	0.522	0.048	0.557	0	0	---	---	8
9	---	---	0B	0 B	0.563	0.542	0.222	0.556	0	0	---	---	9
10	---	---	0B	0 B	0.558	0.549	0.546	0.558	0	0	---	---	10
11	---	---	0B	0 B	0.557	0.555	0.544	0.561	0	0	---	---	11
12	---	---	0B	0 B	0.551	0.324	0.545	0.560	0	0	---	---	12
13	---	---	0B	0 B	0.553	0	0.539	0.561	0	0	---	---	13
14	---	---	0B	0 B	0.554	0	0.537	0.563	0	0	---	---	14
15	---	---	0B	0 B	0.555	0	0.539	0.570	0	0	---	---	15
16	---	---	0B	0	0.550	0	0.315	0.570	0	0	---	---	16
17	---	---	0B	0	0.543	0	0	0.570	0	0	---	---	17
18	---	---	0B	0	0.541	0	0	0.578	0	0	---	---	18
19	---	---	0B	0	0.535	0	0	0.582	0	0	---	---	19
20	---	---	0B	0	0.531	0	0	0.583	0	0	---	---	20
21	---	---	0B	0	0.534	0	0	0.582	0	0	---	---	21
22	---	---	0B	0	0.537	0	0.238	0.584	0	0	---	---	22
23	---	---	0B	0	0.537	0	0.544	0.602	0	0	---	---	23
24	---	---	0B	0	0.531	0	0.549	0.600	0	0	---	---	24
25	---	---	0B	0	0.529	0	0.541	0.592	0	0	---	---	25
26	---	---	0B	0	0.534	0	0.545	0.593	0	0	---	---	26
27	---	---	0B	0	0.535	0	0.549	0.505	0	0	---	---	27
28	---	---	0B	0.287	0.537	0	0.545	0.613	0	0	---	---	28
29	---		0B	0.577	0.538	0	0.533	0.627	0	0	---	---	29
30	---		0B	0.567	0.536	0.230	0.549	0.644	0	0	---	---	30
31	---		0B		0.534		0.551	0.648		0		---	31
TOTAL	---	---	0	1.431	16.906	6.398	12.846	17.926	4.351	0	---	---	TOTAL
MEAN	---	---	0	0.048	0.545	0.213	0.414	0.578	0.145	0	---	---	MEAN
MAX	---	---	0	0.577	0.563	0.555	0.558	0.648	0.661	0	---	---	MAX
MIN	---	---	0	0	0.529	0	0	0.547	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.244
MAXIMUM DAILY, 0.661 ON SEP 3
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 20 N
LONG 106 00 00 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 110
FEB	---	AUG	1 550
MAR	0	SEP	376
APR	124	OCT	0
MAY	1 460	NOV	---
JUN	553	DEC	---

TOTAL DISCHARGE, 5 170 dam³

SQUAW COULEE NEAR WILLOW CREEK - STATION NO. 11AB103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0	0	0	0	0	0	0	---	---	1
2	---	---	0.001B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0.010B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0.006B	0	0	0	0	0	0	0	0	---	---	26
27	---	0.004B	0	0	0	0	0	0	0	0	---	---	27
28	---	0.002B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.002	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.001	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.001B ON MAR 1
MINIMUM DAILY, 0B ON MAR 3
MAXIMUM INSTANTANEOUS,
0.010B AT 15:55 CST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 11 N
LONG 109 48 23 W
DRAINAGE AREA, 102 km²

B - ICE CONDITIONS

REGULATED

REMARKS - THE MAJORITY OF RUNOFF OCCURRED OUTSIDE THE STANDARD PERIOD

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.17	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.17 dam³

STONY CREEK NEAR KAMSACK - STATION NO. 05MD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.006B	0.050B	0.027E	0.120E	0.009	0.010	0.001A	0.001E	0.027	---	1
2	---	---	0.006B	0.048B	0.026E	0.080E	0.022	0.015	0.001E	0.001E	0.024	---	2
3	---	---	0.006B	0.046B	0.025E	0.050E	0.024	0.012	0.001E	0.001E	0.019A	---	3
4	---	---	0.006B	0.044B	0.026E	0.027	0.014	0.010	0.001E	0.001E	---	---	4
5	---	---	0.006B	0.043B	0.027E	0.021	0.036	0.009	0 E	0.001E	---	---	5
6	---	---	0.006B	0.042B	0.044E	0.011	0.028	0.006	0 E	0.001A	---	---	6
7	---	---	0.007B	0.041B	0.030E	0.009	0.028	0.007	0 E	0.001	---	---	7
8	---	---	0.007B	0.040B	0.028E	0.009	0.019	0.009	0 E	0.001	---	---	8
9	---	---	0.008B	0.038B	0.027E	0.020	0.016	0.007	0 E	0.001	---	---	9
10	---	---	0.008B	0.037B	0.026E	0.040	0.013	0.007	0 E	0.001	---	---	10
11	---	---	0.009B	0.036B	0.026E	0.020	0.011	0.006	0 E	0.001	---	---	11
12	---	---	0.010B	0.035B	0.040E	0.012	0.010	0.004	0 E	0.002	---	---	12
13	---	---	0.012B	0.034B	0.060A	0.008	0.009	0.003	0 E	0.002	---	---	13
14	---	---	0.016B	0.033B	0.040E	0.018	0.032	0.002	0 E	0.001	---	---	14
15	---	---	0.040B	0.032B	0.025E	0.133	0.092	0.002	0 E	0.001	---	---	15
16	---	---	0.090B	0.031E	0.022E	0.169	0.062	0.002	0 E	0.001	---	---	16
17	---	---	0.200B	0.030E	0.021E	0.163	0.064	0.002	0 E	0.001	---	---	17
18	---	---	0.146B	0.029E	0.020E	0.103	0.033	0.003	0 E	0.001	---	---	18
19	---	---	0.130B	0.028E	0.019E	0.033	0.025	0.010	0 E	0.001	---	---	19
20	---	---	0.120B	0.028E	0.018E	0.023	0.019	0.007	0 E	0.002	---	---	20
21	---	---	0.110B	0.027E	0.018E	0.014	0.013	0.008	0 E	0.002	---	---	21
22	---	---	0.100B	0.027E	0.018E	0.012	0.010	0.006	0 E	0.003	---	---	22
23	---	---	0.095B	0.026E	0.025E	0.011	0.010	0.003	0 E	0.005	---	---	23
24	---	---	0.088B	0.026E	0.035E	0.034	0.015	0.002	0 E	0.005	---	---	24
25	---	---	0.080B	0.025E	0.050E	0.041	0.012	0.002	0 E	0.003	---	---	25
26	---	---	0.070B	0.025E	0.030E	0.017	0.010	0.001	0 E	0.003	---	---	26
27	---	---	0.066B	0.024E	0.023E	0.014	0.008	0.001	0 E	0.004	---	---	27
28	---	---	0.062B	0.028E	0.020E	0.012	0.008	0.001	0.001E	0.004	---	---	28
29	---		0.058B	0.042E	0.019E	0.011	0.007	0.001	0.001E	0.011	---	---	29
30	---		0.054B	0.030E	0.018E	0.011	0.025	0.001	0.001E	0.022	---	---	30
31	---		0.052B		0.050E		0.072	0.001		0.025		---	31
TOTAL	---	---	1.674	1.025	0.883	1.246	0.756	0.160	0.007	0.110	---	---	TOTAL
MEAN	---	---	0.054	0.034	0.028	0.042	0.024	0.005	0	0.004	---	---	MEAN
MAX	---	---	0.200	0.050	0.060	0.169	0.092	0.015	0.001	0.025	---	---	MAX
MIN	---	---	0.006	0.024	0.018	0.008	0.007	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.024
MAXIMUM DAILY, 0.200B ON MAR 17
MINIMUM DAILY, 0E ON SEP 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 19 N
LONG 101 50 19 W
DRAINAGE AREA, 445 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	65.3
FEB	---	AUG	13.8
MAR	145	SEP	0.60
APR	88.6	OCT	9.50
MAY	76.3	NOV	---
JUN	108	DEC	---

TOTAL DISCHARGE, 507 dam³

STONY CREEK NEAR STENEN - STATION NO. 05MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.249B	0.097	0.001	0.032	0.001	0.004	0	0.064	---	1
2	---	---	0 B	0.315B	0.088	0	0.022	0.004	0.003	0	0.057	---	2
3	---	---	0 B	0.374B	0.091	0	0.019	0.003	0.002	0.004	0.057A	---	3
4	---	---	0 B	0.392B	0.079	0	0.023	0.004	0.001	0	---	---	4
5	---	---	0 B	0.392B	0.060	0	0.008	0.075	0.001	0	---	---	5
6	---	---	0 B	0.378B	0.044	0	0.003	0.042	0.001	0	---	---	6
7	---	---	0 B	0.392B	0.027	0	0	0.034	0	0	---	---	7
8	---	---	0 B	0.343B	0.010	0	0	0.026	0	0	---	---	8
9	---	---	0.001B	0.312B	0.007	0	0	0.023	0	0.010	---	---	9
10	---	---	0.002B	0.278B	0.005	0 A	0	0.020	0	0	---	---	10
11	---	---	0.004B	0.259B	0.002	0 A	0	0.018	0	0	---	---	11
12	---	---	0.010B	0.249B	0.001	0	0	0.014	0	0	---	---	12
13	---	---	0.015B	0.237B	0	0	0	0.010	0	0.005	---	---	13
14	---	---	0.020B	0.215B	0	0	0	0.010	0	0.007	---	---	14
15	---	---	0.023B	0.191B	0	0.026	0	0.011	0	0	---	---	15
16	---	---	0.027B	0.170B	0	0.025	0	0.014	0	0	---	---	16
17	---	---	0.033B	0.155B	0	0.009	0	0.020	0	0	---	---	17
18	---	---	0.038B	0.145B	0	0.007	0.015	0.030	0	0.001	---	---	18
19	---	---	0.044B	0.127	0	0.005	0.017	0.025	0	0.042	---	---	19
20	---	---	0.052B	0.113	0	0.003	0.002	0.022	0	0.101	---	---	20
21	---	---	0.060B	0.118	0	0.002	0	0.020	0	0.183	---	---	21
22	---	---	0.070B	0.144	0	0.003	0	0.022	0	0.129	---	---	22
23	---	---	0.080B	0.144	0	0.003	0.005	0.026	0	0.112	---	---	23
24	---	---	0.090B	0.136	0	0.005	0.006	0.023	0	0.103	---	---	24
25	---	---	0.098B	0.134	0	0.005	0.058	0.020	0	0.096	---	---	25
26	---	---	0.102B	0.136	0	0.004	0.063	0.014	0	0.086	---	---	26
27	---	---	0.120B	0.125	0	0.009	0.034	0.011	0	0.070	---	---	27
28	---	---	0.148B	0.121	0	0.015	0.015	0.008	0	0.042	---	---	28
29	---		0.169B	0.119	0	0.008	0.006	0.007	0	0.045	---	---	29
30	---		0.179B	0.112	0	0.010	0.006	0.006	0	0.063	---	---	30
31	---		0.221B		0.003		0.006	0.005		0.074		---	31
TOTAL	---	---	1.606	6.575	0.514	0.140	0.340	0.568	0.012	1.133	---	---	TOTAL
MEAN	---	---	0.052	0.219	0.017	0.005	0.011	0.018	0	0.037	---	---	MEAN
MAX	---	---	0.221	0.392	0.097	0.026	0.063	0.075	0.004	0.183	---	---	MAX
MIN	---	---	0	0.112	0	0	0	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.044
MAXIMUM DAILY, 0.392B ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.402B AT 06:38 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 58 N
LONG 102 19 48 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	29.4
FEB	---	AUG	49.1
MAR	139	SEP	1.04
APR	568	OCT	97.9
MAY	44.4	NOV	---
JUN	12.1	DEC	---

TOTAL DISCHARGE, 941 dam³

STURGEON RIVER NEAR PRINCE ALBERT - STATION NO. 05GF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.736B	4.62B	10.4	3.48E	1.07	0.653	0.442E	0.343	0.355	---	1
2	---	---	0.736B	5.46B	10.3	3.32A	1.06	0.691	0.424E	0.336	0.404	---	2
3	---	---	0.738B	5.01B	10.3	3.04	0.960	0.722	0.408E	0.319	0.395	---	3
4	---	---	0.738B	5.08B	10.3	2.86	0.912	0.722	0.392E	0.272	0.384	---	4
5	---	---	0.736B	5.21B	10.2	2.75	0.882	0.722	0.378E	0.260	0.392	---	5
6	---	---	0.736B	5.13B	10.1	2.62	0.894	0.690	0.364E	0.257	0.396A	---	6
7	---	---	0.736B	5.68B	9.94	2.47	0.937	0.700	0.350E	0.263	---	---	7
8	---	---	0.738B	6.34B	9.86	2.36	1.05	0.726	0.338E	0.268	---	---	8
9	---	---	0.744B	8.20B	9.77	2.33	1.05	0.792	0.328E	0.306	---	---	9
10	---	---	0.754B	7.77B	9.77	2.27A	1.11	0.790	0.318E	0.316	---	---	10
11	---	---	0.767B	7.45B	9.81	2.13E	1.10	0.790	0.308E	0.333	---	---	11
12	---	---	0.774B	6.29B	9.86A	2.03E	1.05	0.790	0.299E	0.329	---	---	12
13	---	---	0.780B	7.08B	9.64A	1.92E	0.968	0.790	0.291E	0.325	---	---	13
14	---	---	0.790B	7.32B	9.36	1.82E	0.963	0.784	0.284E	0.326	---	---	14
15	---	---	0.808B	7.93B	8.93	1.72A	1.09	0.784	0.278	0.321	---	---	15
16	---	---	0.819B	9.45	8.25	1.58	1.33	0.784	0.272	0.286	---	---	16
17	---	---	0.819B	9.72	7.77	1.62	1.30	0.777	0.267	0.296	---	---	17
18	---	---	0.800B	9.99	7.38	1.56A	1.18	0.790	0.262	0.342	---	---	18
19	---	---	0.780B	10.1	7.00	1.44A	1.07	0.729	0.259	0.346	---	---	19
20	---	---	0.770B	9.91	6.67	1.35	1.05	0.682	0.256	0.372	---	---	20
21	---	---	0.765B	9.58	6.43	1.32	1.01	0.646	0.253	0.381	---	---	21
22	---	---	0.765B	9.50	6.19	1.46	0.984	0.625	0.250	0.452	---	---	22
23	---	---	0.780B	9.57	5.66	1.36	0.888	0.595	0.248	0.403	---	---	23
24	---	---	0.900B	9.57	5.28	1.23	0.925	0.567	0.246	0.367	---	---	24
25	---	---	1.40 B	9.52	4.94	1.32	0.873	0.557	0.270	0.392	---	---	25
26	---	---	2.04 B	9.66	4.65	1.37	0.819	0.546	0.306	0.387	---	---	26
27	---	---	2.20 B	9.75	4.35	1.48	0.741	0.526	0.308	0.385	---	---	27
28	---	---	2.38 B	9.65	4.21	1.42	0.679	0.512E	0.332	0.375	---	---	28
29	---		2.60 B	9.71	4.01	1.27	0.667	0.496E	0.341	0.375	---	---	29
30	---		3.00 B	10.1	3.79A	1.14	0.686	0.478E	0.335	0.396	---	---	30
31	---		3.53 B		3.64E		0.640	0.460E		0.469		---	31
TOTAL	---	---	35.659	240.35	238.76	58.04	29.938	20.916	9.407	10.598	---	---	TOTAL
MEAN	---	---	1.15	8.01	7.70	1.93	0.966	0.675	0.314	0.342	---	---	MEAN
MAX	---	---	3.53	10.1	10.4	3.48	1.33	0.792	0.442	0.469	---	---	MAX
MIN	---	---	0.736	4.62	3.64	1.14	0.640	0.460	0.246	0.257	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.63
MAXIMUM DAILY, 10.4 ON MAY 1
MINIMUM DAILY, 0.246 ON SEP 24
MAXIMUM INSTANTANEOUS,
10.5 AT 14:24 CST ON MAY 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 47 N
LONG 105 53 06 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 590
FEB	---	AUG	1 810
MAR	3 080	SEP	813
APR	20 800	OCT	916
MAY	20 600	NOV	---
JUN	5 010	DEC	---

TOTAL DISCHARGE, 55 600 dam³

STURGEON-WEIR RIVER AT LEAF RAPIDS - STATION NO. 05KG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.9	29.9	29.4	26.8	27.6	26.4	25.8	22.8	18.6	15.0	14.1	13.4	1
2	29.9	29.8	29.4	26.8	27.9	26.2	26.2	22.6	18.5	14.8	14.1	13.5	2
3	30.0	29.9	29.2	26.8	28.3	26.1	26.2	22.5	18.5	14.7	14.0	13.4	3
4	29.9	29.8	29.1	26.7	28.4	25.9	26.0	22.5	18.1	14.6	14.0	13.4	4
5	30.0	29.9	29.1	26.7	28.6	25.9	25.8	22.4	18.3	14.5	13.9	13.4	5
6	30.1	30.0	29.0	26.7	28.7	25.9	25.7	22.4	18.3	14.4	13.8	13.6	6
7	30.1	30.1	28.9	27.1	28.7	26.2	25.5	22.2	18.1	14.2	13.9	13.9	7
8	30.2	30.0	28.9	27.5	28.6	26.8	25.0	22.0	18.0	14.2	13.8	13.9	8
9	30.2	29.9	28.9	27.6	28.5	26.9	24.9	21.9	17.8	14.4	13.7	13.9	9
10	30.1	29.8	28.8	27.5	28.3	26.9	24.8	21.8	17.8	14.7	13.7	14.0	10
11	30.1	29.8	28.8	27.4	28.1	26.6	24.6	21.7	17.6	14.7	13.7	14.2	11
12	30.2	29.8	28.8	27.5	28.0	26.5	24.5	21.5	17.5	14.8	13.7	14.2	12
13	30.3	29.7	28.7	27.4	28.1	26.6	24.3	21.1	17.4	15.2	13.6	14.2	13
14	30.2	29.6	28.5	27.3	28.3	26.2	24.3	20.9	17.3	15.1	13.5	14.2E	14
15	30.1	29.6	28.3	27.2	28.2	26.0	24.5	20.6	17.1	14.9	13.7	14.2E	15
16	30.0	29.5	28.1	27.1	27.5	25.9	24.5	20.6	16.8	14.9	13.9	14.2E	16
17	30.1	29.5	28.0	27.0	27.7	26.8	24.4	20.5	16.7	15.1	13.8	14.2E	17
18	30.0	29.4	27.8	26.9	27.8	27.3	24.2	20.4	16.6	15.0	13.7	14.2E	18
19	29.9	29.4	27.7	26.8	28.0	27.2	24.2	20.3	16.4	15.0	13.7	14.2E	19
20	29.9	29.5	27.7	26.7	27.9	27.1	24.1	20.2	16.2	14.8	13.6	14.2E	20
21	30.0	29.5	27.6	26.6	27.9	26.9	23.9	20.0	16.0	14.6	13.6	14.2E	21
22	30.0	29.5	27.6	26.7	27.7	26.4	23.8	20.1	15.9	14.4	13.6	14.2E	22
23	30.0	29.6	27.6	26.6	27.3	26.6	24.2	20.1	15.9	14.2	13.6	14.2E	23
24	30.0	29.6	27.4	26.6	27.3	26.7	24.8	20.0	15.8	14.1	13.5	14.2E	24
25	30.2	29.5	27.4	26.9	26.9	26.3	24.6	19.7	15.7	13.9	13.5	14.2E	25
26	30.1	29.4	27.3	26.9	26.9	26.1	24.3	19.5	16.1	14.0	13.5	14.2E	26
27	30.1	29.4	27.2	27.0	27.1	26.2	24.1	19.4	16.0	13.9	13.5	14.2E	27
28	30.0	29.4	27.3	27.2	27.4	26.1	24.0	19.1	15.6	13.8	13.5	14.2E	28
29	29.9		27.2	27.2	27.1	25.9	23.9	18.9	15.4	13.7	13.5	14.2E	29
30	30.0		27.1	27.3	26.6	25.6	23.5	18.9	15.3	14.0	13.4	14.2E	30
31	30.1		27.0		26.4		23.1	19.0		14.1		14.2E	31
TOTAL	931.6	830.8	873.8	810.5	861.8	792.2	763.7	645.6	509.3	449.7	411.1	434.6	TOTAL
MEAN	30.1	29.7	28.2	27.0	27.8	26.4	24.6	20.8	17.0	14.5	13.7	14.0	MEAN
MAX	30.3	30.1	29.4	27.6	28.7	27.3	26.2	22.8	18.6	15.2	14.1	14.2	MAX
MIN	29.9	29.4	27.0	26.6	26.4	25.6	23.1	18.9	15.3	13.7	13.4	13.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.8
MAXIMUM DAILY, 30.3 ON JAN 13
MINIMUM DAILY, 13.4 ON NOV 30
MAXIMUM INSTANTANEOUS,
30.3 AT 08:01 CST ON JAN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 40 N
LONG 102 38 08 W
DRAINAGE AREA, 12 600 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 500	JUL	66 000
FEB	71 800	AUG	55 800
MAR	75 500	SEP	44 000
APR	70 000	OCT	38 900
MAY	74 500	NOV	35 500
JUN	68 400	DEC	37 500

TOTAL DISCHARGE, 718 000 dam³

STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE - STATION NO. 05KG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.9	34.8	35.5	35.2	34.8	33.9	35.8	29.9	26.2	19.6	20.3	20.6	1
2	32.7	34.9	35.5	35.2	35.6	33.9	35.7	30.4	27.2	19.4	20.0	20.5	2
3	33.0	34.9	35.4	35.4	36.1	34.0	35.5	30.3	27.7	19.9	20.1	20.5	3
4	32.8	35.0	35.5	35.3	36.1	34.0	35.7	30.8	26.2	19.7	20.1	20.6	4
5	33.3	35.1	35.4	35.7	36.1	33.9	35.4	31.7	26.9	19.8	20.3	20.7	5
6	33.1	35.2	35.5	35.7	36.2	34.6	34.0	31.0	26.8	19.6	20.2	20.3	6
7	33.1	35.3	35.7	36.0	36.3	34.4	34.0	30.7	27.6	19.5	20.8	20.5	7
8	33.6	34.4	35.7	36.5	36.5	35.2	32.6	29.7	27.6	19.1	20.2	20.4	8
9	33.3	34.6	35.8	36.6	36.1	35.6	33.2	29.8	27.9	19.2	20.1	20.3	9
10	33.4	33.9	36.1	36.7	36.1	35.5	33.1	29.8	27.7	19.4	19.9	20.3	10
11	33.7	34.1	35.8	36.5	36.3	35.9	32.7	29.2	27.6	19.9	19.9	20.4	11
12	33.8	33.9	35.7	36.6	36.4	35.4	32.9	27.7	27.5	21.1	19.8	20.2	12
13	34.3	34.0	35.6	35.6	36.8	35.5	32.6	28.4	27.2	21.2	19.9	20.5	13
14	34.6	34.2	36.0	34.8	36.5	34.9	31.8	28.0	27.0	20.9	19.7	20.6	14
15	34.4	35.1	35.8	35.2	36.6	35.0	32.5	26.4	26.8	20.6	20.0	20.2	15
16	34.1	35.3	36.1	34.9	36.8	35.2	33.8	26.5	24.4	21.0	20.7	19.8	16
17	34.5	35.1	35.7	34.9	37.1	37.2	33.6	26.8	22.7	21.9	20.9	19.9	17
18	34.4	35.6	35.6	35.3	36.9	37.1	33.1	26.4	22.7	20.5	20.4	20.5	18
19	34.4	35.9	35.9	35.2	36.8	36.2	33.3	26.4	22.3	20.7	20.3	20.4	19
20	34.5	35.4	35.9	35.4	37.6	36.1	31.7	26.4	21.9	20.8	20.0	20.7	20
21	35.6	35.7	35.8	35.8	37.4	36.3	31.0	26.6	21.6	20.4	20.1	20.7	21
22	35.0	35.4	35.7	36.1	38.5	35.9	30.9	27.1	21.8	20.4	20.3	20.7	22
23	35.0	35.7	35.6	35.9	37.7	35.6	32.0	27.4	22.0	19.7	20.8	20.6	23
24	34.9	35.6	35.8	35.7	34.9	35.8	32.1	27.7	21.5	20.8	20.4	20.6	24
25	35.3	35.7	36.2	35.0	34.1	35.7	30.5	28.2	20.4	19.1	20.4	20.5	25
26	35.1	35.6	36.1	34.6	34.3	35.7	30.2	27.9	22.1	19.9	20.6	20.5	26
27	35.0	35.6	36.1	34.5	34.4	36.1	30.0	27.8	21.2	19.3	20.5	20.4	27
28	34.7	35.8	35.7	35.1	34.6	36.0	29.9	27.5	19.8	19.4	19.8	20.5	28
29	34.7		36.0	34.5	34.9	35.6	30.9	28.6	19.8	19.4	20.1	20.6	29
30	34.7		35.7	35.0	34.2	35.4	31.3	27.4	20.0	20.0	20.3	20.2	30
31	35.2		35.9		33.8		30.8	28.7		20.1		20.4A	31
TOTAL	1 059.1	981.8	1 108.8	1 064.9	1 116.5	1 061.6	1 012.6	881.2	732.1	622.3	606.9	633.6	TOTAL
MEAN	34.2	35.1	35.8	35.5	36.0	35.4	32.7	28.4	24.4	20.1	20.2	20.4	MEAN
MAX	35.6	35.9	36.2	36.7	38.5	37.2	35.8	31.7	27.9	21.9	20.9	20.7	MAX
MIN	32.7	33.9	35.4	34.5	33.8	33.9	29.9	26.4	19.8	19.1	19.7	19.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.8
MAXIMUM DAILY, 38.5 ON MAY 22
MINIMUM DAILY, 19.1 ON OCT 8
MAXIMUM INSTANTANEOUS,
40.9 AT 16:11 CST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 20 N
LONG 102 10 30 W
DRAINAGE AREA, 14 600 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	91 500	JUL	87 500
FEB	84 800	AUG	76 100
MAR	95 800	SEP	63 300
APR	92 000	OCT	53 800
MAY	96 500	NOV	52 400
JUN	91 700	DEC	54 700

TOTAL DISCHARGE, 940 000 dam³

SWAN RIVER NEAR NORQUAY - STATION NO. 05LE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.550B	0.380B	0.540B	9.79B	9.46	1.43	2.46	2.22	0.112	2.74	5.75E	1.35 B	1
2	0.540B	0.380B	0.560B	10.8 B	9.18	1.28	2.26	2.51	0.092	2.44	5.50E	1.30 B	2
3	0.530B	0.380B	0.590B	12.0 B	8.87	1.15	2.20	2.83	0.083	2.25	10.3 A	1.25 B	3
4	0.520B	0.378B	0.610B	11.7 B	8.86	1.08	2.56	3.02	0.077	2.02	9.60E	1.18 B	4
5	0.510B	0.375B	0.625B	11.0 B	8.74	1.01	3.01	2.99	0.067	1.90	9.00E	1.12 B	5
6	0.500B	0.376B	0.645B	12.0 B	8.81	0.987	2.58	2.81	0.067	1.79	8.80E	1.09 B	6
7	0.497B	0.378B	0.660B	13.3 B	8.07	0.989	2.24	3.33	0.055	1.67	7.60B	1.06 B	7
8	0.480B	0.380B	0.685B	11.7 B	7.42	0.921	1.89	3.63	0.040	1.54	7.20B	0.980B	8
9	0.475B	0.380B	0.700B	11.0 B	6.83	0.926	1.67	3.15	0.027	1.50	6.70B	0.960B	9
10	0.470B	0.380B	0.725B	10.6 B	6.43	0.950	1.47	2.81	0.022	1.44	6.00B	0.920B	10
11	0.465B	0.380B	0.745B	9.38B	5.79	0.926	1.33	3.10	0.015	1.56	5.60B	0.900B	11
12	0.460B	0.382B	0.765B	7.87B	5.32	0.912	1.19	2.36	0.014	2.32	5.20B	0.870B	12
13	0.455B	0.384B	0.790B	7.92B	4.65	0.936	1.06	1.84	0.014	5.27	4.80B	0.850B	13
14	0.450B	0.386B	0.810B	6.21B	4.38	1.04	0.983	1.57	0.056	10.4	4.40B	0.830B	14
15	0.440B	0.390B	0.840B	6.00B	3.95	1.07	0.980	1.28	0.096	12.7	4.10B	0.830B	15
16	0.435B	0.392B	0.860B	6.17B	3.65	1.53	1.07	1.12	0.135	12.9	3.80B	0.780B	16
17	0.430B	0.396B	0.890B	6.35	3.18	2.18	1.37	0.952	0.164	12.8	3.50B	0.760B	17
18	0.425B	0.400B	0.910B	7.66	2.86	1.95	2.33	0.813	0.194	12.8	3.30B	0.740B	18
19	0.420B	0.405B	1.09 B	8.88	2.77	1.82	3.35	0.755	0.218	13.6	3.10B	0.720B	19
20	0.415B	0.410B	1.43 B	8.93	2.63	1.97	3.44	0.654	0.233	13.8	2.90B	0.700B	20
21	0.410B	0.420B	1.34 B	8.99	2.36	2.27	3.10	0.560	0.265	13.0	2.70B	0.690B	21
22	0.406B	0.430B	1.02 B	8.91	2.18	2.54	2.77	0.479	0.320	12.0 A	2.50B	0.680B	22
23	0.402B	0.440B	0.840B	8.55	2.02	3.02	2.40	0.414	0.367	11.3 B	2.35B	0.670B	23
24	0.400B	0.450B	0.760B	8.15	1.89	3.26	2.09	0.369	0.445	10.2 B	2.20B	0.660B	24
25	0.395B	0.470B	1.31 B	8.06	1.82	3.31	1.99	0.324	0.498	9.14B	2.00B	0.650B	25
26	0.392B	0.480B	1.89 B	9.16	1.73	3.62	3.56	0.281	0.735	8.40B	1.90B	0.635B	26
27	0.390B	0.500B	1.76 B	9.47	1.55	4.76	4.89	0.238	0.974	7.80B	1.75B	0.620B	27
28	0.388B	0.510B	2.08 B	9.44	1.41	4.19	3.99	0.211	2.26	7.20B	1.65B	0.610B	28
29	0.385B		2.70 B	9.37	1.35	3.32	3.40	0.181	3.74	6.80B	1.55B	0.600B	29
30	0.382B		3.59 B	9.34	1.47	2.79	2.90	0.148	3.46	6.40B	1.45B	0.590B	30
31	0.380B		6.86 B		1.54		2.31	0.134		6.00B		0.580B	31
TOTAL	13.797	11.412	39.620	278.70	140.77	58.137	72.843	47.083	14.885	215.68	137.20	26.145	TOTAL
MEAN	0.445	0.408	1.28	9.29	4.54	1.94	2.35	1.52	0.495	6.96	4.57	0.843	MEAN
MAX	0.550	0.510	6.86	13.3	9.46	4.76	4.89	3.63	3.74	13.8	10.3	1.35	MAX
MIN	0.380	0.375	0.540	6.00	1.35	0.912	0.980	0.134	0.014	1.44	1.45	0.580	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.89
MAXIMUM DAILY, 13.8 ON OCT 20
MINIMUM DAILY, 0.014 ON SEP 12
MAXIMUM INSTANTANEOUS,
14.0 AT 03:00 CST ON OCT 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 52 N
LONG 102 04 26 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 190	JUL	6 290
FEB	986	AUG	4 070
MAR	3 420	SEP	1 280
APR	24 100	OCT	18 600
MAY	12 200	NOV	11 900
JUN	5 020	DEC	2 260

TOTAL DISCHARGE, 91 300 dam³

SWIFT CURRENT CANAL AT SWIFT CURRENT - STATION NO. 05ND034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	2.70	2.63	0.213	0.128	1.98	0.143	0.068	---	---	1
2	---	---	0	2.69	2.62	0.241	0.128	1.91	0.140	0.062	---	---	2
3	---	---	0	2.68	2.62	0.257	0.104	1.51	0.141	0.059	---	---	3
4	---	---	0	2.69	2.60	0.252	0.091	0.584	0.137	0.064	---	---	4
5	---	---	0	2.70	2.53	0.302	0.088	0.088	0.139	0.071	---	---	5
6	---	---	0	2.64	2.47	0.387	0.085	0.092	0.141	0.073	---	---	6
7	---	---	0	2.74	2.46	0.369	0.115	0.109	0.144	0.078	---	---	7
8	---	---	0	2.70	2.46	0.373	0.149	0.111	0.144	0.062	---	---	8
9	---	---	0	2.68	2.47	0.381	0.143	0.120	0.141	0.043	---	---	9
10	---	---	0	2.66	2.47	0.376	0.888	0.127	0.131	0.042	---	---	10
11	---	---	0	2.64	2.47	0.361	1.06	0.125	0.125	0.045	---	---	11
12	---	---	0	2.63	2.47	0.353	0.961	0.127	0.124	0.051	---	---	12
13	---	---	0	2.62	2.46	0.358	1.24	0.128	0.125	0.046	---	---	13
14	---	---	0	2.61	2.44	0.412	1.47	0.136	0.122	0.048	---	---	14
15	---	---	0	2.62	2.41	0.244	1.55	0.139	0.124	0.043	---	---	15
16	---	---	0	2.60	2.46	0.143	1.58	0.144	0.221	0.027	---	---	16
17	---	---	0.817A	2.59	2.50	0.133	1.56	0.155	0.132	0	---	---	17
18	---	---	0.972	2.55	2.47	0.137	1.59	0.153	0.121	0	---	---	18
19	---	---	0.966	2.55	2.44	0.136	1.65	0.150	0.119	0	---	---	19
20	---	---	1.99 A	2.54	2.36	0.135	1.68	0.148	0.106	0	---	---	20
21	---	---	2.14 E	2.53	2.30	0.132	1.69	0.150	0.113	0	---	---	21
22	---	---	2.26 E	2.59	2.28	0.131	1.73	0.151	0.103	0	---	---	22
23	---	---	2.28 E	2.66	2.27	0.127	1.83	0.152	0.101	0	---	---	23
24	---	---	2.19 A	2.67	2.29	0.129	1.83	0.152	0.098	0	---	---	24
25	---	---	2.13	2.69	2.33	0.131	1.82	0.149	0.102	0	---	---	25
26	---	---	2.43	2.67	2.34	0.127	1.80	0.150	0.102	0	---	---	26
27	---	---	2.62	2.65	2.33	0.122	1.83	0.139	0.104	0	---	---	27
28	---	---	2.68	2.61	1.86	0.122	1.83	0.129	0.095	0	---	---	28
29	---		2.67	2.62	0.493	0.129	1.84	0.137	0.087	0	---	---	29
30	---		2.66	2.64	0.237	0.129	1.88	0.142	0.078	0	---	---	30
31	---		2.70		0.212		1.86	0.147		0		---	31
TOTAL	---	---	31.505	79.16	68.752	6.842	36.160	9.530	3.703	0.878	---	---	TOTAL
MEAN	---	---	1.02	2.64	2.22	0.228	1.17	0.307	0.123	0.028	---	---	MEAN
MAX	---	---	2.70	2.74	2.63	0.412	1.88	1.91	0.221	0.078	---	---	MAX
MIN	---	---	0	2.53	0.212	0.122	0.085	0.088	0.078	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.965
MAXIMUM DAILY, 2.74 ON APR 7
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 16 03 N
LONG 107 46 43 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 120
FEB	---	AUG	823
MAR	2 720	SEP	320
APR	6 840	OCT	75.9
MAY	5 940	NOV	---
JUN	591	DEC	---

TOTAL DISCHARGE, 20 400 dam³

SWIFT CURRENT CREEK BELOW REID LAKE - STATION NO. 05HD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.325B	0.348B	0.452	3.17	3.50	0.606	0.527	2.20	0.639	0.370	0.401	0.432	1
2	0.332B	0.331B	0.449	3.20	3.55	0.607	0.557	1.80	0.629	0.371	0.404	0.426	2
3	0.323B	0.342B	0.448	3.19	3.55	0.598	0.568	0.987	0.645	0.375	0.393	0.440	3
4	0.319B	0.340B	0.450	3.21	3.54	0.571	0.584	0.948	0.640	0.362	0.399	0.431	4
5	0.323B	0.341B	0.455	3.19	3.52	0.584	0.555	0.989	0.640	0.367	0.393	0.429	5
6	0.319B	0.335B	0.463	3.20	3.54	0.567	0.581	1.01	0.650	0.360	0.384	0.433	6
7	0.336B	0.340B	0.470	3.17	3.56	0.585	0.574	1.01	0.645	0.363	0.396	0.432	7
8	0.325B	0.353B	0.471	3.16	3.61	0.580	1.52	1.03	0.656	0.337	0.399	0.426	8
9	0.324B	0.346B	0.479	3.13	3.55	0.569	2.48	1.02	0.680	0.346	0.390	0.431	9
10	0.324B	0.342B	0.479	3.14	3.58	0.589	2.59	1.02	0.737	0.345	0.399	0.440	10
11	0.335B	0.338B	0.485	3.13	3.58	0.571	3.45	1.04	0.729	0.371	0.397	0.438	11
12	0.333B	0.334B	0.487	3.16	3.55	0.533	3.82	1.05	0.744	0.390	0.401	0.448	12
13	0.326B	0.373B	0.478	3.17	3.51	0.512	3.84	1.10	0.732	0.370	0.396	0.452	13
14	0.329B	0.397	0.491	3.10	3.48	0.515	3.80	1.10	0.740	0.370	0.394	0.447	14
15	0.326B	0.396	0.498	3.10	3.50	0.458	3.83	1.08	0.735	0.370	0.400	0.446	15
16	0.309B	0.406	0.493	3.13	3.52	0.421	3.84	1.03	0.724	0.368	0.398	0.444	16
17	0.309B	0.408	0.500	3.11	3.54	0.424	3.79	1.09	0.686	0.374	0.396	0.440	17
18	0.313B	0.403	1.85	3.13	3.55	0.415	3.81	1.05	0.676	0.378	0.399	0.437	18
19	0.309B	0.407	2.56	3.09	3.57	0.416	3.70	1.03	0.664	0.376	0.394	0.431	19
20	0.314B	0.421	2.55	3.07	3.56	0.416	3.66	0.900	0.679	0.380	0.408	0.428	20
21	0.317B	0.420	2.52	3.37	3.62	0.414	3.64	0.837	0.625	0.384	0.410	0.446	21
22	0.323B	0.418	2.50	3.55	3.65	0.416	3.43	0.839	0.585	0.386	0.410	0.441	22
23	0.325B	0.425	2.50	3.55	3.65	0.421	2.98	0.822	0.580	0.382	0.411	0.443	23
24	0.333B	0.434	2.51	3.53	3.70	0.427	2.89	0.814	0.587	0.392	0.414	0.428	24
25	0.337B	0.436	2.90	3.53	3.71	0.434	2.83	0.787	0.476	0.394	0.422	0.428	25
26	0.335B	0.450	3.15	3.50	3.78	0.437	2.83	0.790	0.385	0.408	0.418	0.432E	26
27	0.334B	0.453	3.15	3.46	2.64	0.457	2.76	0.758	0.381	0.408	0.424	0.425E	27
28	0.341B	0.452	3.17	3.48	0.568	0.481	2.71	0.713	0.373	0.416	0.428	0.424E	28
29	0.339B		3.16	3.50	0.580	0.494	2.74	0.713	0.369	0.410	0.429	0.421E	29
30	0.334B		3.18	3.48	0.593	0.509	2.61	0.690	0.373	0.398	0.434	0.418E	30
31	0.342B		3.19		0.602		2.50	0.626		0.392		0.413E	31
TOTAL	10.113	10.789	46.938	97.90	97.953	15.027	79.996	30.873	18.404	11.713	12.141	13.450	TOTAL
MEAN	0.326	0.385	1.51	3.26	3.16	0.501	2.58	0.996	0.613	0.378	0.405	0.434	MEAN
MAX	0.342	0.453	3.19	3.55	3.78	0.607	3.84	2.20	0.744	0.416	0.434	0.452	MAX
MIN	0.309	0.331	0.448	3.07	0.568	0.414	0.527	0.626	0.369	0.337	0.384	0.413	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 3.84 ON JUL 13
MINIMUM DAILY, 0.309B ON JAN 16
MAXIMUM INSTANTANEOUS,
4.12 AT 17:49 CST ON JUL 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 51 N
LONG 108 02 40 W
DRAINAGE AREA, 2 480 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	874	JUL	6 910
FEB	932	AUG	2 670
MAR	4 060	SEP	1 590
APR	8 460	OCT	1 010
MAY	8 460	NOV	1 050
JUN	1 300	DEC	1 160

TOTAL DISCHARGE, 38 500 dam³

SWIFT CURRENT CREEK BELOW ROCK CREEK - STATION NO. 05HD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30 B	0.272B	2.15 B	1.49	0.315	0.348	0.189	0.070	0.005	0.004	0.203	0.158B	1
2	2.08 B	0.268B	1.81 B	1.34	0.286	1.00	0.193	0.063	0.004	0.003	0.204	0.149B	2
3	1.66 B	0.272B	1.66 B	1.31	0.298	1.04	0.189	0.060	0.004	0.004	0.204	0.152B	3
4	0.909B	0.257B	1.47 B	1.14	0.300	0.805	0.200	0.057	0.003	0.004	0.198	0.154B	4
5	0.580B	0.273B	1.29 B	0.955	0.296	0.635	0.172	0.046	0.003	0.004	0.190	0.148B	5
6	0.529B	0.246B	1.25 B	0.834	0.300	0.473	0.161	0.032	0.004	0.003	0.175	0.146B	6
7	0.517B	0.216B	1.21 B	0.755	0.319	0.420	0.136	0.026	0.005	0.004	0.171	0.138B	7
8	0.404B	0.229B	1.18 B	0.697	0.474	0.386	0.113	0.018	0.006	0.004	0.182	0.136B	8
9	0.302B	0.082B	1.17 B	0.634	0.628	0.399	0.092	0.014	0.005	0.004	0.181	0.133B	9
10	0.241B	0.033B	1.16 B	0.602	0.567	0.470	0.072	0.012	0.005	0.004	0.166	0.129B	10
11	0.220B	0.049B	1.17 B	0.537	0.624	0.676	0.069	0.011	0.005	0.004	0.162	0.126B	11
12	0.210B	0.106B	1.18 B	0.516	0.609	0.530	0.068	0.010	0.004	0.006	0.158	0.123B	12
13	0.200B	0.156B	1.19 B	0.471	0.456	0.614	0.126	0.010	0.004	0.006	0.163	0.120B	13
14	0.200B	0.158B	1.22 B	0.424	0.333	2.33	0.196	0.009	0.004	0.005	0.163	0.118B	14
15	0.200B	.314B	1.23 B	0.402	0.290	4.61	0.134	0.008	0.003	0.005	0.157	0.115B	15
16	0.197B	1.37 B	1.24 B	0.370	0.330	4.12	0.132	0.008	0.004	0.009	0.157	0.112B	16
17	0.193B	4.69 B	1.24 B	0.356	0.549	3.59	0.194	0.008	0.005	0.010	0.161B	0.108B	17
18	0.190B	6.51 B	1.20 B	0.376	0.831	2.69	0.311	0.008	0.005	0.026	0.161B	0.105B	18
19	0.194B	4.72 B	1.16 B	0.382	0.752	2.14	0.183	0.008	0.005	0.140	0.162B	0.102B	19
20	0.198B	4.29 B	1.07 B	0.378	0.674	1.54	0.164	0.007	0.005	0.203	0.161B	0.099B	20
21	0.200B	3.03 B	0.950B	0.376	0.548	1.04	0.154	0.007	0.005	0.199	0.160B	0.097B	21
22	0.210B	2.31 B	0.850B	0.415	0.404	0.744	0.145	0.006	0.005	0.203	0.160B	0.093B	22
23	0.270B	1.54 B	0.730B	0.492	0.284	0.578	0.122	0.006	0.005	0.173	0.160B	0.090B	23
24	0.275B	1.02 B	0.675B	0.490	0.193	0.482	0.107	0.006	0.005	0.176	0.159B	0.087B	24
25	0.280B	2.11 B	0.616B	0.439	0.136	0.374	0.107	0.006	0.007	0.187	0.158B	0.084B	25
26	0.280B	2.48 B	0.557	0.425	0.107	0.289	0.101	0.006	0.007	0.184	0.154B	0.075B	26
27	0.285B	2.40 B	0.617	0.421	0.090	0.258	0.080	0.005	0.005	0.203	0.159B	0.063B	27
28	0.290B	2.25 B	0.605	0.389	0.070	0.243	0.066	0.005	0.005	0.200	0.165B	0.057B	28
29	0.289B		0.573	0.370	0.127	0.195	0.089	0.005	0.005	0.198	0.164B	0.052B	29
30	0.290B		0.686	0.343	0.084	0.174	0.096	0.005	0.005	0.207	0.155B	0.047B	30
31	0.286B		1.20		0.097		0.078	0.005		0.209		0.043B	31
TOTAL	14.479	42.451	34.303	18.129	11.371	33.193	4.239	0.547	0.142	2.591	5.073	3.359	TOTAL
MEAN	0.467	1.52	1.11	0.604	0.367	1.11	0.137	0.018	0.005	0.084	0.169	0.108	MEAN
MAX	2.30	6.51	2.15	1.49	0.831	4.61	0.311	0.070	0.007	0.209	0.204	0.158	MAX
MIN	0.190	0.033	0.557	0.343	0.070	0.174	0.066	0.005	0.003	0.003	0.154	0.043	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.465
MAXIMUM DAILY, 6.51B ON FEB 18
MINIMUM DAILY, 0.003 ON SEP 4
MAXIMUM INSTANTANEOUS,
7.32B AT 02:15 CST ON FEB 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 39 N
LONG 108 28 46 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 250	JUL	366
FEB	3 670	AUG	47.3
MAR	2 960	SEP	12.3
APR	1 570	OCT	224
MAY	982	NOV	438
JUN	2 870	DEC	290

TOTAL DISCHARGE, 14 700 dam³

SWIFT CURRENT CREEK NEAR LEINAN - STATION NO. 05ND039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.97 B	0.572B	1.11 B	0.816	0.373	0.348	0.361	0.481	0.565	0.555A	0.591	0.527B	1
2	3.44 B	0.300B	1.18 B	0.809	0.321	0.323	0.349	0.444	0.532	0.510	0.584	0.557B	2
3	2.91 B	0.372B	1.08 B	0.792	0.291	0.241	0.319	0.599	0.532A	0.454	0.542	0.562B	3
4	2.37 B	0.475B	0.976B	0.670	0.285	0.286	0.324	0.574	0.531E	0.431	0.562	0.596B	4
5	1.84 B	0.460B	0.754B	0.677	0.276	0.384	0.309	0.559	0.531E	0.416	1.57	0.675B	5
6	1.31 B	0.369B	0.605B	0.745	0.235	0.241	0.290	0.517	0.530E	0.424	1.72	0.656B	6
7	0.780B	0.294B	0.651B	1.04	0.227	0.224	0.269	0.428	0.530E	0.433	0.900	0.651B	7
8	0.451B	0.215B	0.690B	0.768	0.224	0.302	0.224	0.430	0.529E	0.448	0.594B	0.656B	8
9	0.171B	0.149B	0.653B	0.848	0.271	0.523	0.206	0.451	0.529E	0.430	0.556B	0.668B	9
10	0.070B	0.118B	0.768B	0.809	0.313	0.502	0.157	0.386	0.528A	0.422	0.360B	0.679B	10
11	0.046B	0.051B	0.844B	0.731	0.324	0.437	0.110	0.251	0.526	0.414	0.367B	0.611B	11
12	0.041B	0.041B	0.914B	0.676	0.237	0.392	0.073	0.209	0.577	0.475	0.413B	0.480B	12
13	0.037B	0.039B	1.03 B	0.681	0.208	0.553	0.097	0.207	0.524	0.508	0.453B	0.365B	13
14	0.033B	0.046B	1.52 B	0.572	0.216	0.841	0.109	0.236	0.476	0.508	0.543B	0.434B	14
15	0.033B	0.132B	1.81 B	0.611	0.198	0.981	0.154	0.229	0.443	0.580	0.546B	0.382B	15
16	0.031B	2.08 B	1.53 B	0.577	0.210	1.41	0.154	0.214	0.418	0.595	0.528B	0.284B	16
17	0.032B	6.07 B	1.70 B	0.580	0.233	1.20	0.119	0.205	0.377	0.600	0.514B	0.277B	17
18	0.037B	8.98 B	1.54 B	0.504	0.253	1.02	3.23	0.249	0.347	0.607	0.686B	0.270B	18
19	0.040B	10.0 B	1.42 B	0.490	0.337	1.15	1.49	0.245	0.294	0.603	0.503B	0.263B	19
20	0.044B	5.95 B	0.795B	0.479	0.370	0.981	2.20	0.451	0.197	0.585	0.516B	0.256B	20
21	0.042B	4.10 B	0.660B	0.469	0.406	0.855	1.77	0.811	0.230	0.639	0.582B	0.249B	21
22	0.089B	3.63 B	0.697B	0.482	0.392	0.751	1.47	0.663	0.290	0.585	0.538B	0.242B	22
23	0.249B	2.91 B	0.537B	0.451	0.318	0.736	1.29	0.658	0.273	0.488	0.471B	0.234B	23
24	0.701B	3.08 B	0.533B	0.477	0.269	0.621	0.933	0.586	0.287	0.473	0.569B	0.227B	24
25	0.681B	2.19 B	0.592B	0.480	0.260	0.554	0.845	0.592	0.318	0.599	0.586B	0.220B	25
26	0.440B	1.94 B	0.808B	0.487	0.248	0.437	0.822	0.657	0.346	0.553	0.568B	0.213B	26
27	0.257B	1.70 B	0.989B	0.478	0.196	0.376	0.711	0.588	0.414	0.605	0.458B	0.206B	27
28	0.358B	2.34 B	0.864B	0.465	0.236	0.422	0.512	0.576	0.469	0.661	0.572B	0.199B	28
29	0.616B		1.10 B	0.479	0.157	0.408	0.451	0.556	0.562	0.572	0.610B	0.192B	29
30	1.10 B		1.09 B	0.431	0.142	0.357	0.493	0.561	0.561A	0.611	0.585B	0.185B	30
31	1.32 B		0.901B		0.222		0.444	0.569		0.627		0.178B	31
TOTAL	23.539	58.603	30.341	18.574	8.248	17.856	20.285	14.182	13.266	16.411	18.567	12.194	TOTAL
MEAN	0.759	2.09	0.979	0.619	0.266	0.595	0.654	0.457	0.442	0.529	0.619	0.393	MEAN
MAX	3.97	10.0	1.81	1.04	0.406	1.41	3.23	0.811	0.577	0.661	1.72	0.679	MAX
MIN	0.031	0.039	0.533	0.431	0.142	0.224	0.073	0.205	0.197	0.414	0.347	0.178	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.691
MAXIMUM DAILY, 10.0B ON FEB 19
MINIMUM DAILY, 0.031B ON JAN 16
MAXIMUM INSTANTANEOUS,
42.5 AT 15:49 CST ON JUL 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 38 N
LONG 107 39 31 W
DRAINAGE AREA, 3 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 030	JUL	1 750
FEB	5 060	AUG	1 230
MAR	2 620	SEP	1 150
APR	1 600	OCT	1 420
MAY	713	NOV	1 600
JUN	1 540	DEC	1 050

TOTAL DISCHARGE, 21 800 dam³

TATAGWA LAKE DRAIN NEAR MEYBURN - STATION NO. 05NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.001B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.015B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.001	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0.002	0	0	0	0	0	0	0	---	---	28
29	---		0.001	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.020	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.015	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.015B ON MAR 14
MINIMUM DAILY, BB ON MAR 1
MAXIMUM INSTANTANEOUS,
0.025B AT 09:48 CST ON MAR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 58 N
LONG 103 56 50 W
DRAINAGE AREA, 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.73	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1.73 dam³

TAZIN LAKE NEAR OUTLET - STATION NO. 07QC002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.139	2.101	2.072	2.024	2.010	2.208E	2.340E	2.636E	2.678	2.657	2.619	2.593	1
2	2.140	2.101	2.072	2.023	2.011	2.217E	2.350E	2.638E	2.662	2.662	2.619	2.587	2
3	2.145	2.101	2.071	2.022	2.020A	2.222E	2.366E	2.640E	2.656	2.645	2.602	2.586	3
4	2.144	2.096	2.070	2.018	2.027A	2.228E	2.380E	2.641E	2.668	2.639	2.636	2.582	4
5	2.145	2.094	2.070	2.017	2.034A	2.233E	2.400E	2.642E	2.667	2.638	2.652	2.578A	5
6	2.143	2.093	2.067	2.016	2.040A	2.240E	2.420E	2.643E	2.670	2.635	2.645	2.559	6
7	2.142	2.093	2.062	2.017	2.047E	2.244E	2.430E	2.643A	2.671	2.623	2.629	2.570	7
8	2.140	2.085	2.061	2.018	2.054E	2.248E	2.450E	2.649	2.671	2.635	2.631	2.581	8
9	2.137	2.084	2.057	2.018	2.060E	2.251E	2.472E	2.649	2.670	2.626	2.633	2.579	9
10	2.136	2.085	2.056	2.016	2.067A	2.253E	2.490E	2.645	2.654	2.652	2.638	2.581	10
11	2.136	2.083	2.053	2.007	2.072A	2.256E	2.510E	2.635	2.665	2.673	2.641	2.579	11
12	2.134	2.081	2.055	2.007	2.077E	2.259E	2.522E	2.650	2.676	2.671	2.632	2.577	12
13	2.135	2.074	2.050	2.007	2.083E	2.261E	2.536E	2.653	2.669	2.670	2.624	2.574	13
14	2.130	2.079	2.049	2.005	2.088E	2.262E	2.548E	2.662	2.671	2.671	2.620	2.573	14
15	2.132	2.084	2.050	2.003	2.094E	2.263E	2.556E	2.668	2.674	2.671	2.605	2.573	15
16	2.132A	2.081	2.048	1.999	2.099E	2.267E	2.566E	2.666	2.684	2.671	2.598	2.571	16
17	2.118	2.079	2.041	2.000	2.105E	2.268E	2.572E	2.671	2.671	2.660	2.595	2.577	17
18	2.120	2.079	2.039	1.999	2.110A	2.269E	2.578E	2.670	2.670	2.656	2.601	2.582	18
19	2.120	2.079	2.033	1.996	2.118A	2.270E	2.582E	2.671	2.648	2.643	2.605	2.578	19
20	2.126	2.081	2.030	2.000	2.125E	2.271E	2.588E	2.675	2.671	2.648	2.605	2.578	20
21	2.125	2.081	2.034	1.998	2.133E	2.273E	2.592E	2.673	2.668	2.644	2.607	2.567	21
22	2.124	2.081	2.036	1.996	2.140E	2.276E	2.599E	2.674	2.664	2.641	2.596	2.564	22
23	2.125	2.081	2.035	1.994	2.147E	2.280E	2.602E	2.677	2.657	2.639	2.600	2.564A	23
24	2.120	2.081	2.034	1.992	2.155E	2.284E	2.608E	2.676	2.659	2.632	2.598	2.558E	24
25	2.118	2.082	2.034	1.998	2.161A	2.290E	2.612E	2.678	2.665	2.625	2.601	2.555E	25
26	2.117	2.080	2.033	2.000	2.164A	2.295E	2.616E	2.682	2.656	2.626	2.594	2.548A	26
27	2.114	2.077	2.034	2.000	2.176E	2.300E	2.620E	2.685	2.647	2.625	2.596	2.542A	27
28	2.113	2.076	2.031	2.001	2.183E	2.306E	2.623E	2.677	2.636	2.601	2.597	2.537	28
29	2.108		2.029	2.005	2.189E	2.317E	2.628E	2.666	2.646	2.623	2.596	2.537	29
30	2.104		2.027	2.007	2.196E	2.325E	2.630E	2.673	2.650	2.628	2.591	2.537	30
31	2.105		2.026		2.202E		2.632E	2.672		2.626A		2.536	31
MEAN	2.128	2.085	2.047	2.007	2.103	2.265	2.530	2.661	2.664	2.644	2.614	2.568	MEAN
MAX	2.145	2.101	2.072	2.024	2.202	2.325	2.632	2.685	2.684	2.673	2.652	2.593	MAX
MIN	2.104	2.074	2.026	1.992	2.010	2.208	2.340	2.635	2.636	2.601	2.591	2.536	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.361
MAXIMUM DAILY, 2.685 ON AUG 27
MINIMUM DAILY, 1.992 ON APR 24
MAXIMUM INSTANTANEOUS,
2.690 AT 07:23 CST ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 49 10 N
LONG 109 24 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

THEODORE RESERVOIR NEAR THEODORE - STATION NO. 05MB009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	497.766E	497.776	497.761	497.773	497.772	497.759	497.738	497.718E	497.765	---	1
2	---	---	497.766A	497.776	497.769	497.772	497.788	497.765	497.741	497.716E	497.756A	---	2
3	---	---	497.766	497.773	497.769	497.769	497.784	497.766	497.733	497.712E	---	---	3
4	---	---	497.765	497.774	497.764	497.774	497.783	497.762	497.718	497.710E	---	---	4
5	---	---	497.764	497.772	497.763	497.778	497.780	497.766	497.726	497.708E	---	---	5
6	---	---	497.762	497.769	497.759	497.768	497.776	497.770	497.726	497.706	---	---	6
7	---	---	497.760	497.764	497.760	497.770	497.774	497.769	497.726	497.703	---	---	7
8	---	---	497.760	497.764	497.758	497.759	497.769	497.767	497.726	497.703	---	---	8
9	---	---	497.760	497.761	497.752	497.761	497.760	497.763	497.727	497.711	---	---	9
10	---	---	497.762	497.759	497.753	497.754	497.755	497.763	497.723	497.707	---	---	10
11	---	---	497.765	497.758	497.761	497.755	497.754	497.760	497.717	497.711	---	---	11
12	---	---	497.765	497.758	497.763	497.749	497.752	497.754	497.713	497.741	---	---	12
13	---	---	497.765	497.755	497.761	497.749	497.748	497.752	497.709	497.766	---	---	13
14	---	---	497.767	497.756	497.761	497.805	497.751	497.746	497.704	497.764	---	---	14
15	---	---	497.770	497.760	497.752	497.831	497.773	497.741	497.699A	497.766	---	---	15
16	---	---	497.767	497.762	497.747	497.822	497.783	497.738	497.694A	497.768	---	---	16
17	---	---	497.759	497.761	497.746	497.813	497.782	497.741	497.691A	497.773	---	---	17
18	---	---	497.758	497.757	497.746	497.797	497.777	497.767	497.687A	497.760	---	---	18
19	---	---	497.761	497.758	497.745	497.789	497.777	497.794	497.683A	497.761	---	---	19
20	---	---	497.763	497.746	497.748	497.783	497.769	497.789	497.686E	497.755	---	---	20
21	---	---	497.761	497.758	497.747	497.781	497.763	497.786	497.686E	497.753	---	---	21
22	---	---	497.761	497.755	497.743	497.782	497.763	497.779	497.687E	497.752	---	---	22
23	---	---	497.762	497.754	497.735	497.781	497.765	497.778	497.687E	497.747	---	---	23
24	---	---	497.764	497.750	497.739	497.793	497.765	497.778	497.690E	497.754	---	---	24
25	---	---	497.764	497.755	497.742	497.789	497.757	497.774	497.694E	497.750	---	---	25
26	---	---	497.762	497.757	497.741	497.782	497.755	497.775	497.698E	497.755	---	---	26
27	---	---	497.762	497.758	497.741	497.784	497.750	497.770	497.704E	497.752	---	---	27
28	---	---	497.765	497.756	497.751	497.775	497.748	497.764	497.706E	497.752	---	---	28
29	---		497.765	497.763	497.786	497.770	497.750	497.766	497.704E	497.757	---	---	29
30	---		497.767	497.768	497.781	497.766	497.747	497.761	497.710E	497.766	---	---	30
31	---		497.775		497.777		497.760	497.756		497.766		---	31
MEAN	---	---	497.764	497.761	497.756	497.779	497.765	497.765	497.708	497.741	---	---	MEAN
MAX	---	---	497.775	497.776	497.786	497.831	497.788	497.794	497.741	497.773	---	---	MAX
MIN	---	---	497.758	497.746	497.735	497.749	497.747	497.738	497.683	497.703	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 497.831 ON JUN 15

MAXIMUM INSTANTANEOUS,
497.844 AT 13:35 CST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 32 N
LONG 102 50 20 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

THUNDER CREEK NEAR DARMODY - STATION NO. 05JG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0.070B	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0.060B	0 B	0	0	0	0	0	0	0	---	---	19
20	---	0.041B	0 B	0	0	0	0	0	0	0	---	---	20
21	---	0.022B	0 B	0	0	0	0	0	0	0	---	---	21
22	---	0.023B	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0.014B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0.011B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0.010B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0.008B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0.005B	0 B	0	0	0	0	0	0	0	---	---	27
28	---	0.004B	0 B	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	0.268	0.019	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.010	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.070	0.003	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.003B ON MAR 1
MINIMUM DAILY, 0B ON MAR 15
MAXIMUM INSTANTANEOUS,
0.080B ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 30 N
LONG 106 16 50 W
DRAINAGE AREA, 986 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	23.2	AUG	0
MAR	1.64	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1.64 dam³

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

THYME HILL RIVER BELOW MACKENZIE LAKE - STATION NO. 06DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.68	4.17E	3.35E	2.77E	2.95	24.4E	13.0 E	7.18	3.79	2.82	3.63	3.48	1
2	5.56	4.14E	3.32E	2.75E	3.11	24.0E	12.8 E	7.08	3.84	2.81	3.61	3.46	2
3	5.48E	4.11E	3.30E	2.74E	3.22	23.3E	12.5 E	7.03	3.75	2.88	3.61	3.47	3
4	5.40E	4.08A	3.28E	2.75A	3.37	22.8E	12.2 E	6.89	3.69	2.90	3.62	3.46	4
5	5.33E	4.05E	3.26E	2.78A	3.82	22.3E	12.0 E	6.71	3.68	2.91	3.63	3.45	5
6	5.26E	4.02E	3.23E	2.87A	4.81A	21.8E	11.8 E	6.58	3.66	2.92	3.61	3.43	6
7	5.20E	3.99E	3.20E	2.95	6.47	21.4E	11.5 E	6.53	3.68	2.90	3.64	3.40	7
8	5.15E	3.96E	3.17E	2.96A	8.18	20.9E	11.3 E	6.32	3.55	2.89	3.65	3.40	8
9	5.10E	3.93E	3.14E	2.94E	9.59	20.5E	11.1 E	6.17	3.56	2.91	3.65	3.36	9
10	5.05E	3.89E	3.12E	2.92E	11.0	20.0E	10.8 E	6.04	3.54	3.13	3.66	3.31	10
11	5.00E	3.86E	3.10E	2.90E	12.5	19.7E	10.6 E	6.04	3.53	3.16	3.66	3.36	11
12	4.96E	3.83E	3.08E	2.88E	14.5	19.4E	10.3 E	5.61	3.51	3.23	3.66	3.37	12
13	4.92E	3.80E	3.05E	2.87E	16.9	18.9E	10.1 E	5.59	3.49	3.30	3.65	3..7	13
14	4.88E	3.77E	3.02E	2.86E	19.6	18.5E	9.90E	5.48	3.47	3.32	3.67	3.36	14
15	4.84E	3.74E	3.00E	2.84E	22.1	18.1E	9.71A	5.18	3.40	3.32	3.67	3.31	15
16	4.80E	3.71E	2.98E	2.82E	24.3	17.8E	9.55	5.23	3.23	3.45	3.65	3.28	16
17	4.76E	3.69E	2.96E	2.81E	26.0	17.5E	9.39	5.07	3.24	3.62	3.63	3.26	17
18	4.72E	3.66E	2.94E	2.80E	27.2	17.1E	9.36	4.99	3.28	3.53	3.58	3.23	18
19	4.68E	3.63E	2.92E	2.79E	28.1	16.8E	9.39	4.94	3.23	3.59	3.60	3.20	19
20	4.64E	3.60E	2.90E	2.78E	28.7	16.5E	9.14	4.77	3.09	3.55	3.61	3.21	20
21	4.60E	3.58E	2.89E	2.79A	29.3	16.1E	8.94	4.72	3.03	3.54	3.59	3.21	21
22	4.56E	3.55E	2.88E	2.79	29.2	15.7E	8.88	4.71	3.05	3.60	3.58	3.18	22
23	4.52E	3.52E	2.87E	2.81	28.9 A	15.5E	8.83	4.57	3.20	3.59	3.56	3.16	23
24	4.48E	3.50E	2.86E	2.82	28.5 E	15.2E	8.75	4.52	3.15	3.65	3.58	3.13	24
25	4.44E	3.48E	2.85E	2.83	28.0 E	14.9E	8.41	4.45	3.11	3.61	3.57	3.11	25
26	4.40E	3.46E	2.85A	2.84	27.5 E	14.6E	8.11	4.37	3.16	3.58	3.54	3.08	26
27	4.36E	3.43E	2.86	2.84	27.0 E	14.3E	7.92	4.25	3.13	3.58	3.52	3.09	27
28	4.32E	3.40E	2.85	2.85	26.5 E	13.9E	7.96	4.15	2.98	3.58	3.49	3.08	28
29	4.28E		2.84A	2.87	26.0 E	13.6E	7.86	4.14	2.93	3.58	3.49	3.09	29
30	4.24E		2.81E	2.91	25.3 E	13.3E	7.52	4.07	2.91	3.60	3.49	3.07	30
31	4.20E		2.79E		24.8 E		7.36	3.95		3.67		3.01	31
TOTAL	149.81	105.55	93.67	85.13	577.42	548.8	306.98	167.33	100.86	102.67	108.10	101.38	TOTAL
MEAN	4.83	3.77	3.02	2.84	18.6	18.3	9.90	5.40	3.36	3.31	3.60	3.27	MEAN
MAX	5.68	4.17	3.35	2.96	29.3	24.4	13.0	7.18	3.84	3.65	3.67	3.48	MAX
MIN	4.20	3.40	2.79	2.74	2.95	13.3	7.36	3.95	2.91	2.81	3.49	3.01	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.71
MAXIMUM DAILY, 29.3 ON MAY 21
MINIMUM DAILY, 2.74E ON APR 3
MAXIMUM INSTANTANEOUS,
29.5 AT 16:50 CST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 46 10 N
LONG 102 43 50 W
DRAINAGE AREA, 1 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 900	JUL	26 500
FEB	9 120	AUG	14 500
MAR	8 090	SEP	8 710
APR	7 360	OCT	8 870
MAY	49 900	NOV	9 340
JUN	47 400	DEC	8 760

TOTAL DISCHARGE, 211 000 dam³

TOBIN LAKE AT SQUAW RAPIDS SPILLWAY - STATION NO. 05KD004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	313.420	313.140	313.340	312.700	313.280	312.820	313.080	313.130	313.360	313.260	313.470	313.420	1
2	313.360	313.130	313.300	312.600	313.290	312.890	313.030	313.030	313.390	313.290	313.480	313.400	2
3	313.360	313.110	313.240	312.560	313.340	312.920	312.960	313.080	313.370	313.300	313.500	313.370	3
4	313.430	313.120	313.170	312.450	313.340	312.990	312.890	313.150	313.310	313.320	313.510	313.320	4
5	313.480	313.150	313.110	312.480	313.290	313.040	312.830	313.150	313.260	313.340	313.530	313.330	5
6	313.450	313.160	313.060	312.470	313.270	313.100	312.830	313.130	313.290	313.400	313.520	313.340	6
7	313.360	313.160	313.040	312.480	313.220	313.150	312.820	313.120	313.320	313.380	313.510	313.320	7
8	313.290	313.170	312.960	312.510	313.240	313.160	312.860	313.150	313.340	313.360	313.490	313.340	8
9	313.200	313.170	312.950	312.520	313.260	313.160	312.910	313.150	313.320	313.320	313.470	313.330	9
10	313.180	313.160	312.930	312.560	313.260	313.210	312.970	313.260	313.300	313.300	313.460	313.310	10
11	313.280	313.150	312.960	312.640	313.210	313.270	312.990	313.360	313.280	313.270	313.450	313.310	11
12	313.300	313.150	313.000	312.820	313.180	313.320	313.010	313.420	313.300	313.230	313.510	313.350	12
13	313.360	313.160	313.020	312.920	313.170	313.320	312.970	313.510	313.340	313.200	313.490	313.370	13
14	313.400	313.160	313.040	312.970	313.170	313.270	313.050	313.570	313.360	313.190	313.480	313.390	14
15	313.390	313.210	313.070	313.030	313.130	313.240	313.100	313.580	313.380	313.120	313.510	313.360	15
16	313.380	313.190	313.050	313.030	313.160	313.180	313.050	313.590	313.370	313.120	313.530	313.370	16
17	313.390	313.230	313.020	313.120	313.250	313.160	312.980	313.570	313.390	313.140	313.530	313.360	17
18	313.390	313.270	313.010	313.220	313.280	313.120	312.920	313.550	313.350	313.200	313.540	313.350	18
19	313.400	313.370	312.970	313.300	313.300	313.100	312.790	313.530	313.360	313.220	313.580	313.330	19
20	313.460	313.400	312.910	313.370	313.310	313.070	312.8[illegible]	313.490	313.350	313.250	313.510	313.340	20
21	313.470	313.410	312.880	313.410	313.310	313.090	312.770	313.460	313.370	313.240	313.480	313.350	21
22	313.360	313.480	312.880	313.400	313.300	313.090	312.750	313.400	313.330	313.230	313.500	313.360	22
23	313.300	313.450	312.870	313.320	313.310	313.130	312.740	313.390	313.310	313.240	313.540	313.380	23
24	313.270	313.470	312.840	313.370	313.330	313.130	312.820	313.370	313.270	313.210	313.530	313.390	24
25	313.250	313.460	312.900	313.280	313.280	313.180	313.030	313.360	313.260	313.270	313.510	313.420	25
26	313.200	313.460	312.740	313.290	313.160	313.160	313.200	313.360	313.240	313.320	313.490	313.410	26
27	313.160	313.370	312.710	313.260	313.080	313.170	313.240	313.350	313.230	313.330	313.460	313.370	27
28	313.150	313.360	312.740	313.270	312.950	313.180	313.280	313.350	313.210	313.330	313.430	313.300	28
29	313.140		312.820	313.280	312.780	313.190	313.250	313.270	313.230	313.380	313.430	313.200	29
30	313.170		312.800	313.270	312.670	313.130	313.240	313.270	313.270	313.400	313.410	313.190	30
31	313.170		312.780		312.690		313.240	313.350		313.420		313.100	31
MEAN	313.320	313.258	312.968	312.963	313.187	313.131	312.981	313.337	313.315	313.277	313.495	313.338	MEAN
MAX	313.480	313.480	313.340	313.410	313.340	313.320	313.280	313.590	313.390	313.420	313.580	313.420	MAX
MIN	313.140	313.110	312.710	312.450	312.670	312.820	312.740	313.030	313.210	313.120	313.410	313.100	MIN

WATER LEVELS IN METRES

MEAN, 313.214
MAXIMUM DAILY, 313.590 ON AUG 16
MINIMUM DAILY, 312.450 ON APR 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 10 N
LONG 103 20 50 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TORCH RIVER NEAR LOVE - STATION NO. 05KE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.14B	2.65B	2.40B	5.42B	13.7 B	14.9	5.49	3.99	0.962	2.50	1.97 B	1.88 B	1
2	2.16B	2.71B	3.00B	5.63B	14.2 B	14.9	5.25	4.42	0.990	2.79	2.61 B	1.76 B	2
3	2.26B	2.74B	3.86B	5.95B	13.6	14.7	4.94	4.61	0.889	2.88	2.50 B	1.55 B	3
4	2.33B	2.79B	3.27B	6.31B	13.6	14.5	4.34	4.34	0.861	2.84	2.32 B	1.34 B	4
5	2.18B	2.74B	2.81B	6.85B	15.2	14.1	3.70	4.25	1.01	2.73	2.37 B	1.34 B	5
6	2.02B	2.56B	2.44B	8.04B	15.0	12.0	3.24	3.95	1.07	2.64	2.24 B	1.22 B	6
7	2.10B	2.38B	2.31B	8.70B	14.8	9.52	2.98	4.10	1.14	2.56	2.01 B	1.39 B	7
8	2.24B	2.32B	2.30B	8.91B	14.5	9.46	3.08	3.79	1.19	2.58	2.20 B	0.935B	8
9	2.22B	2.29B	2.43B	9.39B	14.1	10.0	2.84	3.52	1.20	2.63	4.25 B	1.07 B	9
10	2.47B	2.15B	2.32B	11.6 B	13.7	10.9	2.59	3.27	1.17	2.81	2.31 B	1.19 B	10
11	2.77B	2.07B	2.34B	10.9 B	12.9	11.3	2.49	2.99	1.03	3.48	2.88 B	1.20 B	11
12	2.80B	1.98B	2.70B	9.86B	10.7	11.0	2.32	2.79	0.867	3.43	3.01 B	1.20 B	12
13	2.66B	1.88B	2.77B	8.87B	9.10	10.5	2.18	2.55	0.770	3.51	2.39 B	1.13 B	13
14	2.76B	1.65B	2.89B	8.84B	8.21	10.0	2.29	2.24	0.677	3.44	2.40 B	1.07 B	14
15	2.85B	1.55B	3.22B	8.34B	7.63	9.67	4.05	2.03	0.572	3.37	2.61 B	0.915B	15
16	2.62B	1.48B	3.43B	9.03B	7.12	9.31	5.93	1.96	0.591	3.21	2.68 B	0.862B	16
17	2.39B	1.73B	3.22B	8.66B	6.74	8.83	8.46	1.83	0.632	3.19	2.14 B	0.782B	17
18	2.34B	1.93B	2.86B	7.46B	6.39	9.46	9.03	1.75	0.579	3.11	1.63 B	0.843B	18
19	2.39B	2.19B	2.78B	5.15B	6.01	11.3	8.60	1.63	0.570	3.05	0.972B	0.746B	19
20	2.36B	2.44B	2.90B	6.33B	5.72	11.2	7.56	1.55	0.575	3.04	1.09 B	0.687B	20
21	2.16B	2.50B	2.92B	7.19B	5.47	10.8	6.43	1.52	0.601	2.48B	1.57 B	0.501B	21
22	2.36B	2.42B	2.98B	6.60B	8.85	10.9	5.56	1.49	0.940	1.82B	1.60 B	0.843B	22
23	2.44B	2.38B	3.12B	6.30B	11.5	9.50	4.98	1.45	1.18	1.67B	1.75 B	0.814B	23
24	2.43B	2.49B	3.14B	6.02B	11.8	9.13	4.51	1.41	1.06	2.47B	2.22 B	0.985B	24
25	2.41B	2.60B	2.65B	6.94B	12.6	9.41	4.27	1.30	1.16	2.45B	2.25 B	0.935B	25
26	2.38B	2.63B	2.93B	8.96B	13.3	9.25	3.98	1.29	1.68	2.66B	1.98 B	0.918B	26
27	2.39B	2.56B	3.56B	10.5 B	13.7	8.53	3.61	1.23	1.78	2.69B	1.96 B	0.999B	27
28	2.45B	2.47B	4.21B	12.8 B	14.2	7.65	3.46	1.13	1.93	2.54B	1.75 B	0.940B	28
29	2.39B		4.14B	14.1 B	14.7	7.00	3.35	1.03	2.23	2.10B	1.78 B	0.813B	29
30	2.30B		4.06B	13.6 B	14.8	6.08	3.25	1.11	2.22	1.77B	1.85 B	0.787B	30
31	2.67B		4.73B		14.9		3.57	1.04		1.71B		0.778B	31
TOTAL	74.44	64.28	94.69	253.25	358.74	315.80	138.33	75.56	32.126	84.15	65.292	32.423	TOTAL
MEAN	2.40	2.30	3.05	8.44	11.6	10.5	4.46	2.44	1.07	2.71	2.18	1.05	MEAN
MAX	2.85	2.79	4.73	14.1	15.2	14.9	9.03	4.61	2.23	3.51	4.25	1.88	MAX
MIN	2.02	1.48	2.30	5.15	5.47	6.08	2.18	1.03	0.570	1.67	0.972	0.501	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.35
MAXIMUM DAILY, 15.2 ON MAY 5
MINIMUM DAILY, 0.501B ON DEC 21
MAXIMUM INSTANTANEOUS,
15.3 AT 12:49 CST ON MAY 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 104 09 40 W
DRAINAGE AREA, 4 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 430	JUL	12 000
FEB	5 550	AUG	6 530
MAR	8 180	SEP	2 780
APR	21 900	OCT	7 270
MAY	31 000	NOV	5 640
JUN	27 300	DEC	2 800

TOTAL DISCHARGE, 137 000 dam³

TURTLE LAKE NEAR GLASLYN - STATION NO. 05EG009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	654.964	654.922	654.878	---	---	---	---	1
2	---	---	---	---	---	654.964	654.922	654.879	---	---	---	---	2
3	---	---	654.938	---	---	654.962	654.922	654.879	---	---	---	---	3
4	---	---	---	---	---	654.962	654.923	654.878	---	---	---	---	4
5	---	---	---	---	---	654.962	654.923	654.878	---	---	---	---	5
6	---	---	---	---	---	654.962	654.922	654.877	---	---	---	---	6
7	---	---	---	---	---	654.962	654.913	654.877	---	---	---	---	7
8	---	---	---	---	---	654.960	654.909E	654.877	---	---	---	---	8
9	---	---	---	---	---	654.960	654.905E	654.876	---	---	---	---	9
10	---	---	---	---	---	654.960	654.901E	654.876	---	---	---	---	10
11	---	---	---	---	---	654.960	654.897E	654.875	---	---	---	---	11
12	---	---	---	---	---	654.960	654.893	654.875	---	---	---	---	12
13	---	---	---	---	---	654.952	654.882	654.874E	---	---	---	---	13
14	---	---	---	---	---	654.950	654.892	654.872	---	---	---	---	14
15	---	---	---	---	---	654.924	654.892	654.872	---	---	---	---	15
16	---	---	---	---	---	654.924	654.892	654.872	---	---	---	---	16
17	---	---	---	---	---	654.924	654.891	654.873E	---	---	---	---	17
18	---	---	---	---	---	654.924	654.891	654.873	---	---	---	---	18
19	---	---	---	---	---	654.924	654.890	654.872	---	---	---	---	19
20	---	---	---	---	---	654.924	654.890	654.870	---	654.721	---	---	20
21	---	---	---	---	---	654.923	654.889	654.870	---	---	---	---	21
22	---	---	---	---	---	654.923	654.891E	654.868	---	---	---	---	22
23	---	---	---	---	---	654.923	654.892	654.866	---	---	---	---	23
24	---	---	---	---	---	654.923	654.885E	654.863	---	---	---	---	24
25	---	---	---	---	---	654.923	654.879E	654.862	---	---	---	---	25
26	---	---	---	---	654.970	654.923	654.872	654.856	---	---	---	---	26
27	---	---	---	---	654.964	654.924	654.873	654.849	---	---	---	---	27
28	---	---	---	---	654.964	654.924	654.874E	654.844E	---	---	---	---	28
29	---		---	---	654.964	654.922	654.876E	654.839E	---	---	---	---	29
30	---		---	---	654.964	654.922	654.877E	654.833E	---	---	---	---	30
31	---		---		654.964E		654.878	654.828		---		---	31
MEAN	---	---	---	---	---	654.940	654.895	654.867	---	---	---	---	MEAN
MAX	---	---	---	---	---	654.964	654.923	654.879	---	---	---	---	MAX
MIN	---	---	---	---	---	654.922	654.872	654.828	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 36 45 N
LONG 108 35 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TURTLELAKE RIVER NEAR TURTLEFORD - STATION NO. 05EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.040B	4.65 B	0.832	0.108	0.064	0.204	0.001	0.032	0.109	---	1
2	---	---	0.042B	3.66 B	0.878	0.099	0.127	0.092	0.002	0.030	0.131	---	2
3	---	---	0.045B	2.44 B	0.865	0.103	0.090	0.224	0.001	0.040	0.142	---	3
4	---	---	0.048B	2.53 B	0.848	0.094	0.075	0.107	0.001	0.174	0.116	---	4
5	---	---	0.110B	2.21 B	0.886	0.062	0.079	0.050	0.001	0.233	0.088A	---	5
6	---	---	0.095B	1.76 B	0.807	0.054	0.139	0.034	0.001	0.161	---	---	6
7	---	---	0.086B	1.53 B	0.682	0.149	0.149	0.038	0.001	0.098	---	---	7
8	---	---	0.089B	1.68 B	0.592	0.096	0.123	0.032	0.001	0.081	---	---	8
9	---	---	0.072B	1.35 B	0.453	0.121	0.031	0.025	0.001	0.069	---	---	9
10	---	---	0.101B	1.30	0.393	0.168	0.020	0.015	0.001	0.037	---	---	10
11	---	---	0.138B	1.07	0.204	0.084	0.050	0.008	0.001	0.056	---	---	11
12	---	---	0.232B	1.02	0.187	0.089	0.007	0.007	0.001	0.118	---	---	12
13	---	---	0.202B	1.09	0.192	0.113	0.006	0.006	0.002	0.139	---	---	13
14	---	---	0.242B	0.974	0.173	0.130	0.028	0.005	0.003	0.162	---	---	14
15	---	---	0.294B	0.910	0.266	0.060	0.054	0.003	0.003	0.188	---	---	15
16	---	---	0.342B	0.883	0.356	0.031	0.040	0.002	0.003	0.169	---	---	16
17	---	---	0.620B	0.988	0.215	0.[illegible]	0.035	0.002	0.003	0.117	---	---	17
18	---	---	0.728B	0.941	0.224	0.186	0.097	0.003	0.003	0.184	---	---	18
19	---	---	0.463B	0.940	0.253	0.137	0.038	0.003	0.003	0.166	---	---	19
20	---	---	0.193B	0.943	0.253	0.074	0.165	0.001	0.003	0.142	---	---	20
21	---	---	0.044B	0.811	0.214	0.211	0.096	0.002	0.018	0.519	---	---	21
22	---	---	0.023B	0.737	0.294	0.229	0.028	0.004	0.143	0.275	---	---	22
23	---	---	0.008B	0.774	0.279	0.166	0.036	0.006	0.036	0.265	---	---	23
24	---	---	0.007B	0.697	0.201	0.068	0.063	0.006	0.043	0.207	---	---	24
25	---	---	0.119B	0.714	0.147	0.105	0.034	0.005	0.038	0.183	---	---	25
26	---	---	0.276B	0.702	0.094	0.141	0.026	0.005	0.148	0.133	---	---	26
27	---	---	0.446B	0.667	0.096	0.134	0.033	0.004	0.023	0.079	---	---	27
28	---	---	0.616B	0.513	0.085	0.137	0.031	0.003	0.006	0.074	---	---	28
29	---		1.10 B	0.647	0.101	0.062	0.035	0.002	0.008	0.108	---	---	29
30	---		1.56 B	0.859	0.115	0.032	0.357	0.002	0.009	0.134	---	---	30
31	---		2.58 B		0.119		0.786	0.001		0.123		---	31
TOTAL	---	---	10.961	39.950	11.304	3.298	2.942	0.901	0.508	4.496	---	---	TOTAL
MEAN	---	---	0.354	1.33	0.365	0.110	0.095	0.029	0.017	0.145	---	---	MEAN
MAX	---	---	2.58	4.65	0.886	0.229	0.786	0.224	0.148	0.519	---	---	MAX
MIN	---	---	0.007	0.513	0.085	0.031	0.006	0.001	0.001	0.030	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.304
MAXIMUM DAILY, 4.65B ON APR 1
MINIMUM DAILY, 0.001 ON AUG 20
MAXIMUM INSTANTANEOUS,
5.14B AT 10:59 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 37 N
LONG 108 57 04 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	254
FEB	---	AUG	77.8
MAR	947	SEP	43.9
APR	3 450	OCT	388
MAY	977	NOV	---
JUN	285	DEC	---

TOTAL DISCHARGE, 6 420 dam³

UNNAMED CREEK NEAR CUTBANK - STATION NO. 05HP022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	0	---	1
2	---	0	0	0	0	0	0	0	0	0	0	---	2
3	---	0	0	0	0	0	0	0	0	0	0	---	3
4	---	0	0	0	0	0	0	0	0	0	0	---	4
5	---	0	0	0	0	0	0	0	0	0	0	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	0	0	0	0	0	0	0	0	0	0	---	---	19
20	0	0	0	0	0	0	0	0	0	0	---	---	20
21	0	0	0	0	0	0	0	0	0	0	---	---	21
22	0	0	0	0	0	0	0	0	0	0	---	---	22
23	0	0	0	0	0	0	0	0	0	0	---	---	23
24	0	0	0	0	0	0	0	0	0	0	---	---	24
25	0	0	0	0	0	0	0	0	0	0	---	---	25
26	0	0	0	0	0	0	0	0	0	0	---	---	26
27	0	0	0	0	0	0	0	0	0	0	---	---	27
28	0	0	0	0	0	0	0	0	0	0	---	---	28
29	0		0	0	0	0	0	0	0	0	---	---	29
30	0		0	0	0	0	0	0	0	0	---	---	30
31	0		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 28 N
LONG 106 52 15 W
DRAINAGE AREA, 168 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

VAL MARIE PUMP NO. 1 - STATION NO. 11AC068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0.109	0	0	0	0	0	---	---	5
6	---	---	0	0	0.225	0	0	0	0	0	---	---	6
7	---	---	0	0	0.153	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0.136	0	0	0	0	0	---	---	18
19	---	---	0	0	0.296	0	0	0	0	0	---	---	19
20	---	---	0	0	0.194	0	0	0	0	0	---	---	20
21	---	---	0	0	0.148	0	0	0	0	0	---	---	21
22	---	---	0	0	0.247	0	0	0	0	0	---	---	22
23	---	---	0	0	0.299	0	0	0	0	0	---	---	23
24	---	---	0	0	0.309	0	0	0	0	0	---	---	24
25	---	---	0	0	0.169	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	2.285	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.074	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.309	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.309 ON MAY 24
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 44 N
LONG 107 50 51 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	197	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 197 dam³

VIDORA DITCH NEAR CONSUL - STATION NO. 11AB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.305	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0.001E	0	0	0	---	---	6
7	---	---	0	0	0	0	0.002A	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0.207	0	0	0	0	0	---	---	9
10	---	---	0	0	0.653	0	0	0	0	0	---	---	10
11	---	---	0	0	1.13	0	0	0	0	0	---	---	11
12	---	---	0	0	1.13	0	0.002	0	0	0	---	---	12
13	---	---	0	0	1.10	0	0.001	0	0	0	---	---	13
14	---	---	0	0	1.14	0	0	0	0	0	---	---	14
15	---	---	0	0	1.37	0	0	0	0	0	---	---	15
16	---	---	0	0	1.49	0	0	0	0	0	---	---	16
17	---	---	0	0	1.70	0	0	0	0	0	---	---	17
18	---	---	0	0	1.76	0	0	0	0	0	---	---	18
19	---	---	0	0	1.73	0	0	0	0	0	---	---	19
20	---	---	0	0	1.66	0	0.001	0	0	0	---	---	20
21	---	---	0	0	1.53	0	0.004	0	0	0	---	---	21
22	---	---	0	0	1.67	0	0.002	0	0	0	---	---	22
23	---	---	0	0	1.74	0	0	0	0	0	---	---	23
24	---	---	0	0	1.65	0	0	0	0	0	---	---	24
25	---	---	0	0	1.70	0	0	0	0	0	---	---	25
26	---	---	0	0	1.62	0	0	0	0	0	---	---	26
27	---	---	0	0	1.39	0	0	0	0	0	---	---	27
28	---	---	0	0	0.792	0	0	0	0	0	---	---	28
29	---		0	0	0.709	0	0	0	0	0	---	---	29
30	---		0	0	0.604	0	0	0	0	0	---	---	30
31	---		0		0.614		0	0		0		---	31
TOTAL	---	---	0	0	29.089	0.305	0.013	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.938	0.010	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.76	0.305	0.004	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.120
MAXIMUM DAILY, 1.76 ON MAY 18
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 109 35 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.12
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	2 510	NOV	---
JUN	26.4	DEC	---

TOTAL DISCHARGE, 2 540 dam³

WALDSEA LAKE NEAR HUMBOLDT - STATION NO. 05KA010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532.691	532.684	532.675	532.567	532.469E	---	---	1
2	---	---	---	---	---	532.690E	532.684E	532.675E	532.563E	532.471E	---	---	2
3	---	---	---	---	---	532.690E	532.684E	532.675E	532.559E	532.472E	---	---	3
4	---	---	---	---	---	532.689E	532.684E	532.675E	532.555E	532.474E	---	---	4
5	---	---	---	---	---	532.688E	532.684E	532.676E	532.552E	532.475E			5
6	---	---	---	---	---	532.688E	532.684E	532.676E	532.548E	532.477	---	---	6
7	---	---	---	---	---	532.687	532.684	532.676E	532.544E	---	---	---	7
8	---	---	---	---	---	532.687E	532.684E	532.676	532.541E	---	---	---	8
9	---	---	---	---	---	532.686E	532.684E	532.671E	532.537	---	---	---	9
10	---	---	---	---	---	532.685E	532.684E	532.667E	532.530E	---	---	---	10
11	---	---	---	---	---	532.685E	532.685E	532.662E	532.523E	---	---	---	11
12	---	---	---	---	532.810	532.684E	532.685E	532.658E	532.516E	---	---	---	12
13	---	---	---	---	532.808E	532.683	532.685E	532.654E	532.509E	---	---	---	13
14	---	---	---	---	532.806E	532.683E	532.685E	532.649E	532.501E	---	---	---	14
15	---	---	---	---	532.804E	532.683E	532.685E	532.645E	532.494E	---	---	---	15
16	---	---	---	---	532.802	532.683E	532.685	532.640E	532.487	---	---	---	16
17	---	---	---	---	532.798E	532.684E	532.683E	532.636	532.486E	---	---	---	17
18	---	---	---	---	532.794E	532.684E	532.681E	532.632E	532.484E	---	---	---	18
19	---	---	---	---	532.790E	532.684E	532.680E	532.629E	532.483E	---	---	---	19
20	---	---	---	---	532.786E	532.684E	532.678E	532.625E	532.482E	---	---	---	20
21	---	---	---	---	532.782	532.684E	532.677E	532.622E	532.480E	---	---	---	21
22	---	---	---	---	532.777E	532.684E	532.675	532.618E	532.479E	---	---	---	22
23	---	---	---	---	532.764E	532.684E	532.675E	532.615E	532.477E	---	---	---	23
24	---	---	---	---	532.755E	532.684E	532.675E	532.611E	532.476E	---	---	---	24
25	---	---	---	---	532.746E	532.684E	532.675E	532.608E	532.475E	---	---	---	25
26	---	532.810	---	---	532.737E	532.684E	532.675E	532.604E	532.473E	---	---	---	26
27	---	---	---	---	532.727E	532.684E	532.675E	532.601E	532.472E	---	---	---	27
28	---	---	---	---	532.718E	532.684E	532.675E	532.597E	532.471E	---	---	---	28
29	---		---	---	532.709E	532.684E	532.675E	532.594E	532.469E	---	---	---	29
30	---		---	---	532.700E	532.684	532.675E	532.590E	532.468	---		---	30
31	---		---		532.691		532.675	532.587		---			31
MEAN	---	---	---	---	---	532 685	532.681	532.639	532.507	---	---	---	MEAN
MAX	---	---	---	---	---	532.691	532.685	532.676	532.567	---	---	---	MAX
MIN	---	---	---	---	---	532.683	532.675	532.587	532.468	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 48 N
LONG 105 11 33 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASCANA CREEK BELOW KRONAU MARSH - STATION NO. 05JF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.020	0	0	0	0.027	0	0	---	---	1
2	---	---	0 B	0.022	0	0	0	0.019	0	0	---	---	2
3	---	---	0 B	0.017	0	0	0	0.012	0	0	---	---	3
4	---	---	0 B	0.014	0	0	0	0.007	0	0	---	---	4
5	---	---	0 B	0.017	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.003	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.007	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.027	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.019	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.025	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.022	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.020	0	0	0.009	0	0	0	---	---	13
14	---	---	0 B	0.022	0	0	2.09	0	0	0	---	---	14
15	---	---	0 B	0.033	0	0	5.19	0	0	0	---	---	15
16	---	---	0 B	0.023	0	0	3.60	0	0	0	---	---	16
17	---	---	0 B	0.021	0	0	2.78	0	0	0	---	---	17
18	---	---	0 B	0.024	0	0	1.34	0	0	0	---	---	18
19	---	---	0 B	0.033	0	0	0.901	0	0	0	---	---	19
20	---	---	0 B	0.040	0	0	0.626	0	0	0	---	---	20
21	---	---	0.027	0.023	0	0	0.439	0	0	0	---	---	21
22	---	---	0.011	0.021	0	0	0.296	0	0	0	---	---	22
23	---	---	0.012	0.014	0	0	0.211	0	0	0	---	---	23
24	---	---	0.007	0.009	0	0	0.155	0	0	0	---	---	24
25	---	---	0	0	0	0	0.119	0	0	0	---	---	25
26	---	---	0.019	0	0	0	0.088	0	0	0	---	---	26
27	---	---	0.017	0	0	0	0.062	0	0	0	---	---	27
28	---	---	0.002	0	0	0	0.051	0	0	0	---	---	28
29	---		0.009	0	0	0	0.042	0	0	0	---	---	29
30	---		0	0	0	0	0.036	0	0	0	---	---	30
31	---		0.007		0		0.031	0		0		---	31
TOTAL	---	---	0.111	0.476	0	0	18.066	0.065	0	0	---	---	TOTAL
MEAN	---	---	0.004	0.016	0	0	0.583	0.002	0	0	---	---	MEAN
MAX	---	---	0.027	0.040	0	0	5.19	0.027	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.076
MAXIMUM DAILY, 5.19 ON JUL 15
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.60 AT 00:30 CST ON JUL 15

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 07 N
LONG 104 26 03 W
DRAINAGE AREA, 3 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 560
FEB	---	AUG	5.62
MAR	9.59	SEP	0
APR	41.1	OCT	8
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 620 dam³

WASCANA CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	0.460B	0.692B	0.773B	0.990	0.757	0.677	1.70	0.786	1.38	0.287	0.605B	1
2	0.425B	0.470B	0.586B	2.19 B	0.980	0.744	0.655	1.45	0.943	1.24	0.263	0.491B	2
3	0.400B	0.480B	0.687B	1.74 B	0.915	0.747	0.683	1.05	1.10	1.25	0.238	0.623B	3
4	0.375B	0.485B	0.680B	1.48 B	0.851	0.737	0.651	1.04	0.913	1.26	0.337	0.681B	4
5	0.330B	0.490B	0.687B	1.39 B	0.848	0.704	0.624	0.892	0.910	1.35	0.909	0.599B	5
6	0.300B	0.495B	0.582B	1.39 B	0.810	0.664	0.595	0.813	0.887	1.36	0.826	0.717B	6
7	0.290B	0.490B	0.502B	1.32 B	0.864	0.787	0.571	0.760	0.695	1.08	0.760	0.684B	7
8	0.290B	0.485B	0.457B	1.22 B	1.02	0.721	0.577	0.773	0.630	1.05	0.690B	0.656B	8
9	0.292B	0.482B	0.402B	1.24 B	0.816	0.683	0.543	0.751	0.614	1.17	0.505B	0.627B	9
10	0.297B	0.480B	0.431B	1.31 B	0.865	0.688	0.523	0.748	0.665	1.15	0.650B	0.621B	10
11	0.305B	0.482B	0.606B	1.35 B	0.861	0.668	0.570	0.736	0.820	1.59	0.745B	0.620B	11
12	0.315B	0.485B	0.837B	1.48 B	0.833	0.639	0.561	0.731	0.704	1.43	0.740B	0.612B	12
13	0.335B	0.488B	1.01 B	1.54 B	0.922	0.748	0.594	0.729	0.913	2.12	0.726	0.610B	13
14	0.350B	0.490B	1.01 B	1.92 B	0.838	1.02	0.712	0.725	1.06	4.73	0.674	0.600B	14
15	0.360B	0.500B	0.955B	1.53 B	0.824	3.58	3.24	0.718	0.955	2.07	0.645	0.590B	15
16	0.365B	0.505B	0.947B	1.22 B	0.812	1.92	3.21	0.734	0.794	1.47	0.630	0.580B	16
17	0.375B	0.510B	1.03 B	1.04	0.709	1.27	1.87	0.928	0.693	1.41	0.639	0.565B	17
18	0.380B	0.520B	1.09 B	0.996	0.781	0.973	1.19	1.38	0.587	1.33	0.605B	0.558B	18
19	0.390B	0.525B	0.946B	0.961	0.788	0.856	1.59	1.68	0.903	1.28	0.540B	0.550B	19
20	0.395B	0.540B	0.690B	0.901	0.748	0.898	3.23	1.29	0.838	1.19 B	0.480B	0.538B	20
21	0.400B	0.560B	0.474B	0.894	0.753	0.883	3.32	1.02	0.581	1.00 B	0.460B	0.522B	21
22	0.405B	0.642B	0.466B	0.855	0.756	0.880	2.56	0.908	0.441	0.890B	0.515B	0.520B	22
23	0.410B	0.654B	0.519B	0.936	0.749	1.11	2.40	0.835	0.376	0.815B	0.537B	0.519B	23
24	0.415B	0.704B	0.558B	0.934	0.775	0.933	1.87	0.804	0.402	0.740B	0.544B	0.518B	24
25	0.419B	1.56 B	0.738B	0.961	0.780	0.836	1.61	0.778	0.836	0.690B	0.485B	0.515B	25
26	0.422B	1.12 B	0.892B	0.932	0.774	0.773	1.38	0.776	1.12	0.630B	0.470B	0.514B	26
27	0.425B	1.09 B	0.929B	0.922	0.767	0.729	1.36	0.777	3.04	0.580B	0.502B	0.515B	27
28	0.430B	1.10 B	0.892B	0.793	0.751	0.696	1.17	0.809	2.68	0.510B	0.574B	0.517B	28
29	0.435B		0.930B	0.848	0.745	0.687	1.10	0.784	1.59	0.425B	0.533B	0.520B	29
30	0.440B		1.24 B	0.870	0.745	0.692	1.04	0.748	1.60	0.336	0.605B	0.525B	30
31	0.450B		0.993B		0.772		0.985	0.742		0.308		0.530B	31
TOTAL	11.650	17.292	23.458	35.936	25.442	28.019	41.641	28.609	29.076	37.834	17.114	17.842	TOTAL
MEAN	0.376	0.618	0.757	1.20	0.821	0.934	1.34	0.923	0.969	1.22	0.570	0.576	MEAN
MAX	0.450	1.56	1.24	2.19	1.02	3.58	3.32	1.70	3.04	4.73	0.909	0.717	MAX
MIN	0.290	0.460	0.402	0.773	0.709	0.639	0.523	0.718	0.376	0.308	0.238	0.491	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.860
MAXIMUM DAILY, 4.73 ON OCT 14
MINIMUM DAILY, 0.238 ON NOV 3
MAXIMUM INSTANTANEOUS,
6.88 AT 01:31 CST ON OCT 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 10 N
LONG 104 54 35 W
DRAINAGE AREA, 4 600 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 010	JUL	3 600
FEB	1 490	AUG	2 470
MAR	2 030	SEP	2 510
APR	3 100	OCT	3 270
MAY	2 200	NOV	1 480
JUN	2 420	DEC	1 540

TOTAL DISCHARGE, 27 100 dam³

WASCANA CREEK NEAR SEDLEY - STATION NO. 05JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001B	0.006B	0	0	0	0.181	0	0	0.004	---	1
2	---	0 B	0 B	0.005B	0	0	0	0.094	0	0	0.004	---	2
3	---	0 B	0 B	0.004B	0	0	0	0.046	0	0	0.005	---	3
4	---	0 B	0 B	0.004B	0	0	0	0.025	0	0	0.003	---	4
5	---	0 B	0.001B	0.004B	0	0	0	0.019	0	0	0.001A	---	5
6	---	0 B	0 B	0.006B	0	0	0	0.019	0	0	---	---	6
7	---	0 B	0 B	0 B	0	0	0	0.012	0	0	---	---	7
8	---	0 B	0 B	0 B	0	0	0	0.007	0	0	---	---	8
9	---	0 B	0 B	0.003B	0	0	0	0.003	0	0	---	---	9
10	---	0 B	0.001B	0.002B	0	0	0	0.001	0	0	---	---	10
11	---	0 B	0.002B	0.001	0	0	0	0	0	0	---	---	11
12	---	0 B	0.004B	0.001	0	0	0	0	0	0	---	---	12
13	---	0 B	0.010B	0	0	0	0	0	0	0.003	---	---	13
14	---	0 B	0.010B	0	0	0	0.156	0	0	0.012	---	---	14
15	---	0 B	0.009B	0	0	0	0.651	0	0	0.010	---	---	15
16	---	0 B	0.007B	0.002	0	0	0.309	0	0	0.007	---	---	16
17	---	0 B	0.006B	0	0	0	0.337	0	0	0.004	---	---	17
18	---	0 B	0.005B	0	0	0	0.286	0	0	0.002	---	---	18
19	---	0 B	0.004B	0	0	0	0.210	0	0	0.002	---	---	19
20	---	0 B	0.002B	0	0	0	0.135	0	0	0.001	---	---	20
21	---	0 B	0.001B	0	0	0	0.079	0	0	0	---	---	21
22	---	0 B	0.002B	0	0	0	0.106	0	0	0	---	---	22
23	---	0 B	0.001B	0	0	0	0.319	0	0	0	---	---	23
24	---	0.006B	0.002B	0	0	0	0.303	0	0	0	---	---	24
25	---	0.011B	0.003B	0	0	0	0.206	0	0	0	---	---	25
26	---	0.002B	0.003B	0	0	0	0.138	0	0	0	---	---	26
27	---	0 B	0.003B	0	0	0	0.142	0	0	0	---	---	27
28	---	0 B	0.005B	0	0	0	0.161	0	0	0.001	---	---	28
29	---		0.004B	0	0	0	0.151	0	0	0.004	---	---	29
30	---		0.004B	0	0	0	0.159	0	0	0.005	---	---	30
31	---		0.007B		0		0.308	0		0.004		---	31
TOTAL	---	0.019	0.097	0.038	0	0	4.156	0.407	0	0.055	---	---	TOTAL
MEAN	---	0.001	0.003	0.001	0	0	0.134	0.013	0	0.002	---	---	MEAN
MAX	---	0.011	0.010	0.006	0	0	0.651	0.181	0	0.012	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.651 ON JUL 15
MINIMUM DAILY, 0B ON MAR 2
MAXIMUM INSTANTANEOUS,
0.816 AT 07:47 CST ON JUL 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 10 N
LONG 104 01 50 W
DRAINAGE AREA, 1 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	359
FEB	1.64	AUG	35.2
MAR	8.38	SEP	0
APR	3.28	OCT	4.75
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 411 dam³

WASCANA LAKE AT THE MARINA - STATION NO. 05JF015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	570.599	570.435	570.431	570.608	570.516	570.511	570.538	570.379	1
2	---	---	---	---	570.579	570.421	570.417	570.601	570.501	570.509	570.535	570.377	2
3	---	---	---	---	570.583	570.417	570.411	570.597	570.497	570.498	570.529	570.378	3
4	---	---	---	---	570.583	570.400	570.404	570.589	570.498	570.497	570.514	570.374	4
5	---	---	---	---	570.585	570.384	570.399	570.579	570.486	570.497	570.507	570.370	5
6	---	---	---	---	---	570.394	570.391	570.389	570.570	570.481	570.499	570.504	570.364	6
7	---	---	---	---	---	570.572	570.374	570.377	570.561	570.476	570.500	570.497	570.359	7
8	---	---	---	570.637A	570.561	570.379	570.348	570.556	570.472	570.493	570.493	570.353	8
9	---	---	---	570.636	570.557	570.370	570.343	570.552	570.462	570.511	570.486	570.347	9
10	---	---	---	570.627	570.562	570.358	570.338	570.544	570.449	570.512	570.478	570.342	10
11	---	---	---	570.644	570.557	570.351	570.333A	570.534	570.440	570.517	570.473	570.338	11
12	---	---	---	570.621	570.553	570.350	570.335E	570.526	570.435	570.561	570.465	570.330	12
13	---	---	---	570.622	570.546	570.390	570.357E	570.516	570.429	570.618	570.456	570.324	13
14	---	---	---	570.630	570.543A	570.471	570.409E	570.509	570.421	570.617	570.455	570.316	14
15	---	---	---	570.625	570.556A	570.459	570.471A	570.506	570.410	570.613	570.442	570.310	15
16	---	---	---	570.614	570.541	570.466	570.613	570.506	570.402	570.607	570.438	570.303	16
17	---	---	---	570.621	570.522	570.448	570.742	570.548	570.393	570.595	570.438	570.297	17
18	---	---	---	570.631	570.518	570.459	570.755	570.551	570.385	570.597	570.440	570.290	18
19	---	---	---	570.632	570.513	570.468	570.746	570.548	570.383	570.596	570.436	570.285	19
20	---	---	---	570.633	570.500	570.480	570.720	570.547	570.376	570.593	570.432	570.277	20
21	---	---	---	570.605	570.496	570.484	570.694	570.542	570.374	570.593	570.428	570.270	21
22	---	---	---	570.605	570.486	570.484	570.673	570.538	570.371	570.592	570.421	570.265	22
23	---	---	---	570.606	570.472	570.481	570.653	570.536	570.365	570.593	570.415	570.260	23
24	---	---	---	570.610	570.467	570.467	570.643	570.543	570.365	570.596	570.413	570.254	24
25	---	---	---	570.598	570.468	570.463	570.640	570.545	570.386	570.591	570.410	570.248	25
26	---	---	---	570.598	570.461	570.470	570.631	570.543	570.459	570.583	570.405	570.244	26
27	---	---	---	570.598	570.453	570.456	570.622	570.542	570.481	570.576	570.398	570.237	27
28	---	---	---	570.594	570.437	570.449	570.612	570.535	570.508	570.569	570.394	570.231	28
29	---		---	570.592	570.430	570.445	570.603	570.530	570.513	570.562	570.390	570.225	29
30	---		---	570.593	570.437	570.438	570.609	570.524	570.503	570.549	570.384	570.217	30
31	---		---		570.440		570.610	570.512		570.544		570.211	31
MEAN	---	---	---	---	570.522	570.430	570.527	570.546	570.441	570.558	570.454	570.302	MEAN
MAX	---	---	---	---	570.599	570.484	570.755	570.608	570.516	570.618	570.538	570.379	MAX
MIN	---	---	---	---	570.430	570.350	570.333	570.506	570.365	570.493	570.384	570.211	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 570.755 ON JUL 18
MINIMUM DAILY, 570.211 ON DEC 31
MAXIMUM INSTANTANEOUS,
570.761 AT 22:39 CST ON JUL 18

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 104 36 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WASCANA LAKE BELOW BROAD STREET WEIR - STATION NO. 05JF002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	570.340	570.322E	570.465	570.631	570.590	---	570.416	570.588	570.499	570.504	---	570.374	1
2	570.339	570 322	570.466	570.625	570.554	---	570.404	570.584	570.485	570.504	---	570.370	2
3	570.337	570.323	570.467	570.635	---	---	570.398	570.579	570.477	570.493	---	570.367	3
4	570.334	570.324	570.466	570.637	---	570.392	570.392	570.571	570.481	---	---	570.362	4
5	570.333	570.324	570.468	570.638	---	570.367	570.386	570.560	570.471	---	---	570.359	5
6	570.332	570.324	570.468	570.605	---	570.366	570.375	570.551	570.464	---	---	570.352	6
7	570.330	570.330	570.469	570.617	---	570.354	570.362	570.541	570.459	---	---	570.349	7
8	570.328	570.330	570.469	570.633	---	570.352	570.331	570.537	570.455	---	---	570.344	8
9	570.325	570.329	570.469	570.637	---	570.346	570.324	570.534	570.450	---	---	570.338	9
10	570.323	570.328	570.469	570.628	---	570.333	570.324	570.527	570.429	---	---	570.324	10
11	570.323	570.328	570.471	570.650	570.556	570.327	570.321	570.516	570.421	---	---	570.329	11
12	570.323	570.329	570.471	570.619	---	570.326	570.314	570.507	570.420	---	---	570.327	12
13	570.320	570.332	570.473	570.621	---	570.378	570.324	570.497	570.412	---	---	570.319	13
14	570.318	570.333	570.474	570.629	---	570.456	570.419	570.493	570.404	---	---	570.311	14
15	570.314	570.333	570.473	570.626	---	570.448	570.462	570.487	570.392	---	---	570.306	15
16	570.314	570.334	570.472	570.601	---	570.451	570.593	570.491	570.386	---	---	570.298	16
17	570.313	570.353	570.472	570.598	---	570.434	570.732	570.526	570.380	---	570.432	570.289	17
18	570.312	570.377	570.473	570.613	---	570.448	570.752	570.529	570.374	---	570.432	570.279	18
19	570.312	570.390	570.473	570.611	---	570.455	570.745	570.531	570.369	---	570.431	570.268	19
20	570.312	570.413	570.473	570.614	---	570.465	570.716	570.528	570.364	---	570.423	570.266	20
21	570.312	570.433	570.480	570.587	---	570.470	570.693	570.526	570.361	---	570.422	570.257	21
22	570.312	570.443	570.493	570.590	---	570.469	570.665	570.522	570.354	---	570.417	570.254	22
23	570.312	570.451	570.504	570.590	---	570.467	570.641	570.516	570.352	---	570.413	570.247	23
24	570.311	570.458	570.516	570.595	---	570.456	570.633	570.522	570.354	---	570.410	570.239	24
25	570.313	570.462	570.527	570.584	---	570.448	570.626	570.526	570.374	---	570.408	570.232	25
26	570.313	570.463	570.539	570.584	---	570.451	570.616	570.526	570.452	---	570.403	570.229	26
27	570.317	570.463	570.549	570.584	---	570.442	570.605	570.526	570.472	---	570.399	570.224	27
28	570.320	570.461	570.558	570.584	---	570.432	570.592	570.520	570.504	---	570.391	570.217	28
29	570.321		570.565	570.580	---	570.429	570.587	570.516	570.508	---	570.386	570.209	29
30	570.322		570.571	570.581	---	570.423	570.588	570.506	570.500	---	570.379	570.205	30
31	570.322E		570.616		---		570.592	570.495		---		570.197	31
MEAN	570.321	570.372	570.494	570.611	---	---	570.514	570.528	570.427	---	---	570.292	MEAN
MAX	570.340	570.463	570.616	570.650	---	---	570.752	570.588	570.508	---	---	570.374	MAX
MIN	570.311	570.322	570.465	570.580	---	---	570.314	570.487	570.352	---	---	570.197	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 570.752 ON JUL 18
MINIMUM DAILY, 570.197 ON DEC 31
MAXIMUM INSTANTANEOUS,
570.753 AT 06:00 CST ON JUL 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 46 N
LONG 104 36 46 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERBURY LAKE AT CREW CABIN - STATION NO. 07LB001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	29.240	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	29.263	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	28.968	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 13 00 N
LONG 104 13 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WATERFOUND RIVER BELOW UNKNOWN LAKE - STATION NO. 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.1	21.0E	20.0	19.4	20.8	28.4	24.6	23.4A	16.7	13.3	12.4	11.7	1
2	22.9	20.9E	20.1	19.3	21.3	28.4	24.6	23.4A	16.8	13.3	12.5	11.7	2
3	23.1	20.8E	20.1	19.4	21.6	28.6	24.3	23.6A	16.0	13.3	12.1	11.7	3
4	23.2A	20.6A	20.1	19.3	21.7	28.3	24.2	23.5A	15.9	13.4	12.1	11.7	4
5	23.2A	20.8	20.1	19.2	21.9	28.2	23.4	23.2A	15.8	13.5	12.2	11.7	5
6	23.3	21.0	20.2	19.5	22.7	28.4A	23.3	22.4A	15.8	13.5	12.2	11.7	6
7	23.3	20.6	20.1	20.1	23.9A	28.0A	23.6	21.5A	15.8	13.4	12.1	11.7	7
8	23.2	20.4	20.1	20.1	24.1A	27.6	23.7	21.1	15.6	13.5	12.1	11.7	8
9	23.1	20.3	20.0	20.0	24.5A	27.5	24.4	20.8	15.6	13.5	12.1	11.7	9
10	23.3	20.1	20.0	20.0	24.6A	27.2	24.8	20.3	15.6	13.4	12.0	11.8	10
11	23.2E	20.0	19.9	20.0	24.9A	26.8	25.0	20.0	15.6	13.3	12.1	12.1	11
12	23.2E	19.9	19.9	20.1	25.1	26.7	24.8	19.9	15.5A	12.9	11.8A	12.2	12
13	23.1E	19.8	19.7	19.8	25.7A	26.7	24.9	20.0	15.3A	12.9	11.8	12.2	13
14	23.1E	20.2	19.6	19.8	26.7A	26.3	25.4	19.6	15.3	13.0	11.7	12.2	14
15	23.0E	20.3	19.6	20.1	26.0A	26.3	25.5	19.6	15.3	13.4	11.8	12.2	15
16	22.9E	20.2	19.5	20.3	26.0A	26.0	25.0	20.3	15.3	13.1	11.9	12.2	16
17	22.8E	20.1	19.4	20.1	26.6A	25.9	24.7	20.3	15.3	13.1	11.5	12.2	17
18	22.8E	20.1	19.5	20.1	27.3	25.8	24.7	20.2	15.2	13.3A	11.4	12.4	18
19	22.7E	20.3	19.4	19.8	26.4	25.6	25.0	19.5	15.0	13.4	11.5	12.5	19
20	22.6E	20.5	19.4	19.9	26.7	25.5	24.4	19.4	15.0A	13.3	11.5	12.6	20
21	22.5E	20.6	19.3	19.8	27.2	25.4	24.1	19.4	14.7A	13.1	11.5	12.5	21
22	22.4E	20.4	19.4	19.7	27.6	25.3	24.0	19.3	14.4A	12.8	11.5	12.3	22
23	22.2E	20.5	19.4	19.8	28.0	25.0	24.0	19.1	14.3	12.8	11.5	12.4	23
24	22.1E	20.5	19.4	19.8	28.0	24.9	24.0	18.4	14.2	12.7	11.6	12.4	24
25	22.0E	20.4	19.5	19.8	28.0	24.7	24.4	18.3	14.0	12.6	11.4	12.2	25
26	21.9E	20.3	19.4	19.8	28.2	24.7	24.6	18.2	13.7	12.5	11.5	12.2	26
27	21.7E	20.2	19.4	20.0	28.4	24.7	24.3	18.1	13.6	12.5	11.5	12.1	27
28	21.6E	20.1	19.6	20.1	28.3	24.6	24.2A	18.0	13.6	12.7	11.6	12.1	28
29	21.5E		19.5	20.1	28.5	24.7	24.0A	17.9	13.6	12.6	11.6	12.2	29
30	21.3E		19.5	20.3	28.4	24.7	23.6A	17.5	13.5	12.6	11.7	12.1	30
31	21.2E		19.4		28.5		23.3A	16.6		12.6		12.1	31
TOTAL	701.5	570.9	610.5	595.5	797.6	790.9	750.8	622.8	452.0	405.3	350.2	370.5	TOTAL
MEAN	22.6	20.4	19.7	19.9	25.7	26.4	24.3	20.1	15.1	13.1	11.8	12.1	MEAN
MAX	23.3	21.0	20.2	20.3	28.5	28.6	25.5	23.6	16.8	13.5	12.5	12.6	MAX
MIN	21.2	19.8	19.3	19.2	20.8	24.6	23.3	16.6	13.5	12.5	11.4	11.7	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.3
MAXIMUM DAILY, 28.6 ON JUN 3
MINIMUM DAILY, 11.4 ON NOV 18
MAXIMUM INSTANTANEOUS,
28.9 AT 14:56 CST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 10 N
LONG 104 36 30 W
DRAINAGE AREA, 3 160 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	60 600	JUL	65 200
FEB	49 300	AUG	53 800
MAR	52 700	SEP	39 100
APR	51 500	OCT	35 000
MAY	68 900	NOV	30 600
JUN	68 300	DEC	32 400

TOTAL DISCHARGE, 607 000 dam³

WATERHEN LAKE NEAR DORINTOSH - STATION NO. 06AF007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	472.613	472.590E	472.604	472.560	---	---	---	1
2	---	---	---	---	---	472.612	472.592E	472.604	472.560	---	---	---	2
3	---	---	472.629	---	---	472.609	472.593E	472.604	472.525	---	---	---	3
4	---	---	---	---	---	472.592	472.595E	472.604	472.525	---	---	---	4
5	---	---	---	---	---	472.592	472.597E	472.604	472.525	---	---	---	5
6	---	---	---	---	---	472.582	472.598E	472.604	472.525	---	---	---	6
7	---	---	---	---	---	472.572	472.600E	472.604	472.525	---	---	---	7
8	---	---	---	---	---	472.572	472.601E	472.604	472.520	---	---	---	8
9	---	---	---	---	---	472.572	472.603E	472.604	472.520	---	---	---	9
10	---	---	---	---	---	472.572	472.604E	472.604	472.520	---	---	---	10
11	---	---	---	---	---	472.572	472.606E	472.604	472.515	---	---	---	11
12	---	---	---	---	---	472.562	472.608E	472.604	472.512	---	---	---	12
13	---	---	---	---	---	472.562	472.609E	472.591	472.509	---	---	---	13
14	---	---	---	---	---	472.564E	472.611E	472.591	472.505	---	---	---	14
15	---	---	---	---	---	472.565E	472.612E	472.592	472.503	---	---	---	15
16	---	---	---	---	---	472.567E	472.614E	472.592	472.497	---	---	---	16
17	---	---	---	---	---	472.568E	472.615E	472.592	472.497	---	---	---	17
18	---	---	---	---	---	472.570E	472.617	472.592	472.497	---	---	---	18
19	---	---	---	---	---	472.571E	472.617	472.592	472.475	---	---	---	19
20	---	---	---	---	---	472.573E	472.617	472.592	472.475E	472.414	---	---	20
21	---	---	---	---	---	472.575E	472.617	472.592	472.475	---	---	---	21
22	---	---	---	---	---	472.576E	472.617	472.592	472.475	---	---	---	22
23	---	---	---	---	---	472.578E	472.602	472.565	472.475E	---	---	---	23
24	---	---	---	---	---	472.579E	472.604	472.565	472.475	---	---	---	24
25	---	---	---	---	---	472.581E	472.604	472.565	472.475	---	---	---	25
26	---	---	---	---	---	472.582E	472.604	472.560	472.473E	---	---	---	26
27	---	---	---	---	472.613	472.584E	472.604	472.560	472.471E	---	---	---	27
28	---	---	---	---	472.613	472.586E	472.604	472.560	472.468E	---	---	---	28
29	---		---	---	472.613	472.587E	472.604	472.560	472.466E	---	---	---	29
30	---		---	---	472.613	472.589E	472.604	472.560	472.464	---	---	---	30
31	---		---		472.613		472.604	472.560		---		---	31
MEAN	---	---	---	---	---	472.579	472.605	472.588	472.500	---	---	---	MEAN
MAX	---	---	---	---	---	472.613	472.617	472.604	472.560	---	---	---	MAX
MIN	---	---	---	---	---	472.562	472.590	472.560	472.464	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 45 N
LONG 108 31 10 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERHEN RIVER NEAR GOODSOIL - STATION NO. 06AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0	15.2	14.0	13.7	14.9	13.4	11.9	11.0	7.44	5.56	3.81	3.04B	1
2	15.9	15.1	14.1	13.8	15.2	13.3	11.8	11.1	7.70	5.65	3.79	3.01B	2
3	15.9	15.0	14.1	13.9	15.1	13.2	11.6	10.9	7.33	5.55	3.68	3.04B	3
4	15.9	15.2	13.9	14.1	15.2	13.6	11.7	10.8	7.15	5.52	4.01	2.92B	4
5	15.9	15.1	13.8	13.9	15.0	13.5	11.1	10.9	7.24	5.54	3.83	2.81B	5
6	15.8	15.1	14.2	14.7	14.8	12.9	11.0	11.1	7.25	5.49	3.78	2.81B	6
7	16.0	14.8	14.3	14.8	14.9	13.7	10.9	10.9	7.17	5.44	3.85	2.79B	7
8	15.8	15.0	14.3	14.4	14.9	13.2	13.0	10.7	7.06	5.36	3.77	2.75B	8
9	15.5	14.9	14.3	13.9	14.8	13.1	11.7	10.7	6.99	5.58	3.82	2.68B	9
10	15.8	14.8	14.3	14.3	14.8	13.1	11.3	10.5	7.25	5.54 A	3.76	2.66B	10
11	15.9	14.8	14.4	14.2	14.8	12.8	11.2	10.3	6.95	5.20 A	3.74	2.74B	11
12	15.9	14.8	14.2	14.9	14.7	12.7	11.1	10.1	6.93	5.16 E	3.79	2.69B	12
13	15.8	14.7	14.1	14.7	14.7	12.4	10.8	10.1	6.69	5.13 A	3.79	2.62B	13
14	15.7	14.8	14.2	14.5	14.3	12.6	10.7	9.61	6.54	5.12 E	3.73	2.56B	14
15	15.6	15.0	13.9	14.5	13.8	12.6	11.4	9.55	6.36	5.11 A	3.84	2.51B	15
16	15.6	15.0	14.0	14.7	14.0	12.5	11.6	9.51	6.23	5.60 A	3.75	2.48B	16
17	15.5	14.8	14.0	14.9	14.0	13.2	11.5	9.17	6.26	5.36	3.73	2.43B	17
18	15.5	14.7	14.1	14.8	14.1	13.0	11.4	9.24	6.08	5.21	3.74	2.39B	18
19	15.5	14.5	13.9	14.5	14.2	13.0	11.2	8.92	5.79	5.40	3.74	2.36B	19
20	15.5	14.9	13.9	14.5	14.2	12.3	11.0	8.63	6.06	5.23	3.67	2.44B	20
21	15.4	14.6	13.9	14.8	14.1	12.5	11.2	8.80	6.05	5.23	3.68	2.43B	21
22	15.3	14.5	13.7	14.9	13.8	12.8	11.5	8.73	6.12	5.14	3.73B	2.41B	22
23	15.3	14.5	13.6	14.9	13.9	12.7	11.7	8.56	6.21	5.15	3.72B	2.36B	23
24	15.4	14.4	13.6	14.4	13.8	12.8	11.5	8.37	5.96	3.08 E	3.66B	2.34B	24
25	15.4	14.2	13.5	15.1	13.7	12.5	11.5	8.25	6.16	1.10 E	3.59B	2.32B	25
26	15.3	14.3	13.5	15.1	13.7	12.6	11.3	8.12	6.11	0.980E	3.48B	2.30B	26
27	15.2	14.3	13.5	15.1	14.1	12.5	11.2	7.93	5.78	0.890E	3.40B	2.28B	27
28	15.2	14.4	13.5	15.0	14.1	12.3	11.3	7.94	5.59	1.60 E	3.39B	2.26B	28
29	15.2		13.6	15.2	14.0	12.0	11.1	7.75	5.60	3.67	3.21B	2.24B	29
30	15.2		13.7	15.1	13.6	11.9	11.0	7.91	5.58	3.82	3.23B	2.23B	30
31	15.2		13.6		13.3		11.2	7.61		3.76		2.22B	31
TOTAL	483.1	413.4	431.7	437.3	444.5	384.7	352.4	293.70	195.63	142.170	110.71	79.12	TOTAL
MEAN	15.6	14.8	13.9	14.6	14.3	12.8	11.4	9.47	6.52	4.59	3.69	2.55	MEAN
MAX	16.0	15.2	14.4	15.2	15.2	13.7	13.0	11.1	7.70	5.65	4.01	3.04	MAX
MIN	15.2	14.2	13.5	13.7	13.3	11.9	10.7	7.61	5.58	0.890	3.21	2.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 16.0 ON JAN 1
MINIMUM DAILY, 0.890E ON OCT 27
MAXIMUM INSTANTANEOUS,
16.1 AT 00:00 CST ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 45 N
LONG 109 13 21 W
DRAINAGE AREA, 7 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 700	JUL	30 400
FEB	35 700	AUG	25 400
MAR	37 300	SEP	16 900
APR	37 800	OCT	12 300
MAY	38 400	NOV	9 570
JUN	33 200	DEC	6 840

TOTAL DISCHARGE, 326 000 dam³

WATHAMAN RIVER BELOW WATHAMAN LAKE - STATION NO. 06DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.4	33.7	28.7	25.5	32.8	107 E	63.5E	43.1	28.0E	23.7E	24.4	23.6	1
2	40.9A	33.5	28.4	25.4	36.4	105 E	63.0E	42.2	27.4E	23.7E	24.2	23.6	2
3	40.8E	32.9	28.3	25.2	40.4	103 E	62.0E	41.4	27.0E	23.6E	24.2	23.6	3
4	40.6E	32.9	28.3	25.1	44.7	101 E	61.0E	41.0	26.6E	23.6E	24.2	23.6	4
5	40.3E	32.6	28.1	25.1	49.1	99.0E	60.0E	40.5A	26.2E	23.6E	24.2	23.5	5
6	40.0E	32.6	28.0	24.8	55.1	96.5E	59.5E	40.0E	26.1E	23.7E	24.2	23.4	6
7	39.8E	32.4	27.9	25.2	62.4	95.0E	59.0E	39.3E	26.0E	23.7E	24.1	23.5	7
8	39.5E	32.2	27.8	25.3	70.0	93.0E	59.0E	38.5E	26.0E	23.3E	24.1	23.5	8
9	39.2E	31.8	27.8	25.3	77.6	90.5E	59.5E	38.0E	26.0E	23.1E	24.1	23.5	9
10	39.0E	31.1	27.8	25.3	84.1	89.0E	60.0E	37.5E	25.9E	23.5E	24.1	23.6	10
11	38.7E	30.8	27.6	25.3	90.2	87.0E	59.5E	37.0E	25.8E	24.0E	24.1	24.0	11
12	38.4E	30.4	27.3	25.4	97.0E	85.0E	58.5E	36.4E	25.7E	25.0E	24.0	24.3	12
13	38.2E	30.3	27.3	25.5	103 E	83.5E	57.0E	35.9E	25.6E	25.6A	24.0	24.3	13
14	37.9E	30.3	27.2	25.6	109 E	81.5E	56.0E	35.4E	25.5E	25.4	23.9	24.4	14
15	37.6E	30.3	27.1	25.5	114 E	80.0E	55.0E	34.9E	25.3E	25.7	23.6	24.3	15
16	37.4E	30.1	27.0	25.5	118 E	79.0E	54.5A	34.4E	25.0E	25.6	23.7	24.2	16
17	37.1E	29.9	27.0	25.5	121 E	77.0E	53.4	33.9E	24.8E	24.7	23.7	24.1	17
18	36.8E	29.9	26.7	25.5	123 E	75.5E	52.2	33.4E	24.5E	25.3	23.7	24.1	18
19	36.6E	29.8	26.7	25.4	124 E	74.0E	50.3	32.9E	24.1E	25.1	23.7	24.1	19
20	36.2A	29.6	26.6	25.4	125 E	72.5E	50.3	32.4E	23.8E	24.8	23.9	24.0	20
21	36.1	29.5	26.6	25.3	125 E	71.0E	49.5	32.4E	23.5E	25.0	23.8	24.0	21
22	35.9	29.4	26.6	25.3	124 E	69.5E	48.3	32.2E	23.3E	24.8	23.6	24.0	22
23	35.6	29.2	26.5	25.1	123 E	69.0E	47.5	32.0E	23.4E	24.7	23.7	24.1	23
24	35.5	29.3	25.9	25.2	122 E	68.5E	46.5	31.7E	23.5E	24.5	23.8	24.0	24
25	35.2	29.0	25.9	25.5	121 E	68.0E	46.6	31.4E	23.7E	24.6	23.7	24.0	25
26	35.1	28.8	25.8	25.8	120 E	68.0E	47.0	31.0E	23.8E	24.5	23.6	23.9	26
27	34.9	28.9	25.7	26.4	118 E	67.0E	46.8	30.6E	24.0E	24.4	23.7	23.8	27
28	34.5	28.8	25.6	27.3	116 E	66.0E	45.5	30.2E	23.9E	24.3	23.8	23.7	28
29	34.2		25.5	28.6	114 E	65.0E	43.8	29.9E	23.9E	24.2	23.8	23.5	29
30	33.9		25.6	30.2	112 E	64.5E	43.7	29.3E	23.8E	24.2	23.6	23.3	30
31	33.6		25.5		110 E		43.1	28.6E		24.4		23.1	31
TOTAL	1 160.9	860.0	836.8	771.5	2 981.8	2 450.5	1 661.5	1 087.4	752.1	756.3	717.2	738.6	TOTAL
MEAN	37.4	30.7	27.0	25.7	96.2	81.7	53.6	35.1	25.1	24.4	23.9	23.8	MEAN
MAX	41.4	33.7	28.7	30.2	125	107	63.5	43.1	28.0	25.7	24.4	24.4	MAX
MIN	33.6	28.8	25.5	24.8	32.8	64.5	43.1	28.6	23.3	23.1	23.6	23.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.5
MAXIMUM DAILY, 125E ON MAY 20
MINIMUM DAILY, 23.1E ON OCT 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 05 20 N
LONG 103 42 40 W
DRAINAGE AREA, 10 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	100 000	JUL	144 000
FEB	74 300	AUG	94 000
MAR	72 300	SEP	65 000
APR	66 700	OCT	65 300
MAY	258 000	NOV	62 000
JUN	212 000	DEC	63 800

TOTAL DISCHARGE, 1 280 000 dam³

WEYBURN INDEX RESERVOIR - STATION NO. 05NB024

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	27.216E	27.746	27.731	27.667	27.520	27.417	27.213	DRY	DRY	---	---	1
2	---	27.216E	27.749	27.725	27.661	27.514	27.405	27.209	DRY	DRY	---	---	2
3	---	27.216E	27.755	27.722	27.658	27.508	27.392	27.203	DRY	DRY	---	---	3
4	---	27.216E	27.764	27.715	27.655	27.520	27.380	27.197	DRY	DRY	---	---	4
5	---	27.216E	27.770	27.712	27.648	27.511	27.368	27.191	DRY	DRY	---	---	5
6	---	27.216E	27.770	27.709	27.642	27.505	27.353	27.185	DRY	DRY	---	---	6
7	---	27.216E	27.770	27.725	27.636	27.499	27.338	27.170	DRY	DRY	---	---	7
8	---	27.216E	27.770	27.722	27.633	27.493	27.322	27.155	DRY	DRY	---	---	8
9	---	27.216E	27.773	27.719	27.624	27.487	27.304	27.139	DRY	DRY	---	---	9
10	---	27.216E	27.773	27.715	27.627	27.481	27.289	27.124	DRY	DRY	---	---	10
11	---	27.216E	27.776	27.709	27.624	27.478	27.270	27.106	DRY	DRY	---	---	11
12	---	27.216E	27.776	27.709	27.618	27.484	27.255	27.091	DRY	DRY	---	---	12
13	---	27.216E	27.776	27.703	27.612	27.493	27.240	27.075	DRY	DRY	---	---	13
14	---	27.216E	27.773	27.697	27.606	27.508	27.240	27.060	DRY	DRY	---	---	14
15	---	27.298	27.767	27.694	27.603	27.511	27.267	27.060	DRY	DRY	---	---	15
16	---	27.365	27.761	27.691	27.594	27.508	27.258	27.030	DRY	DRY	---	---	16
17	---	27.533	27.758	27.682	27.587	27.508	27.252	27.024	DRY	DRY	---	---	17
18	---	27.554	27.755	27.676	27.581	27.505	27.246	27.008	DRY	DRY	---	---	18
19	---	27.587	27.752	27.670	27.572	27.499	27.252	26.993	DRY	DRY	---	---	19
20	---	27.621	27.752	27.664	27.566	27.496	27.243	26.963	DRY	DRY	---	---	20
21	---	27.679	27.752	27.661	27.560	27.493	27.274	26.947	DRY	DRY	---	---	21
22	---	27.697	27.752	27.658	27.554	27.484	27.264	26.935	DRY	DRY	---	---	22
23	---	27.725	27.749	27.655	27.551	27.475	27.280	DRY	DRY	DRY	---	---	23
24	---	27.734	27.743	27.648	27.557	27.466	27.270	DRY	DRY	DRY	---	---	24
25	---	27.740	27.737	27.645	27.551	27.456	27.261	DRY	DRY	DRY	---	---	25
26	---	27.746	27.734	27.648	27.548	27.453	27.249	DRY	DRY	DRY	---	---	26
27	---	27.746	27.728	27.645	27.545	27.450	27.243	DRY	DRY	DRY	---	---	27
28	---	27.746	27.764	27.651	27.539	27.450	27.234	DRY	DRY	DRY	---	---	28
29	---		27.755	27.673	27.533	27.438	27.225	DRY	DRY	DRY	---	---	29
30	---		27.755	27.670	27.533	27.429	27.228	DRY	DRY	DRY	---	---	30
31	---		27.737		27.530		27.216	DRY		DRY		---	31
MEAN	---	27.421	27.758	27.688	27.594	27.487	27.285	---	DRY	DRY	---	---	MEAN
MAX	---	27.746	27.776	27.731	27.667	27.520	27.417	27.213	DRY	DRY	---	---	MAX
MIN	---	27.216	27.728	27.645	27.530	27.429	27.216	DRY	DRY	DRY	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 33 42 N
LONG 103 40 28 W

E - ESTIMATED

REGULATED

MAXIMUM DAILY, 27.776 ON MAR 11
MINIMUM DAILY, DRY ON AUG 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WEYBURN RESERVOIR NEAR WEYBURN - STATION NO. 05NB020

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	562.083	562.007	562.026	562.037	561.924	561.716	561.639	561.533	561.347	561.202	561.137	561.085	1
2	562.079	562.006	562.024	562.035	561.921	561.710	561.637	561.534	561.337	561.198	561.134	561.083	2
3	562.075	562.006	562.023	562.034	561.914	561.701	561.648	561.532	561.326	561.195	561.136	561.082	3
4	562.074	562.003	562.021	562.035	561.908	561.708	561.650	561.529	561.316	561.193	561.132	561.080	4
5	562.073	561.999	562.021	562.032	561.902	561.698	561.650	561.524	561.304	561.191	561.128	561.075	5
6	562.071	561.997	562.018	562.025	561.893	561.689	561.645	561.520	561.296	561.189	561.125	561.074	6
7	562.068	561.991	562.015	562.017	561.884	561.682	561.636	561.515	561.290	561.186	561.121	561.072	7
8	562.065	561.990	562.013	562.013	561.878	561.675	561.620	561.508	561.287	561.180	561.116	561.072	8
9	562.061	561.986	562.012	562.011	561.871	561.673	561.608	561.502	561.288	561.183	561.113	561.071	9
10	562.062	561.982	562.011	562.005	561.865	561.670	561.599	561.496	561.286	561.178	561.110	561.070	10
11	562.060	561.978	562.013	561.995	561.857	561.663	561.593	561.489	561.277	561.174	561.107	561.065	11
12	562.059	561.976	562.014	561.990	561.852	561.658	561.588	561.481	561.270	561.181	561.106	561.062	12
13	562.056	561.973	562.011	561.985	561.849	561.673	561.586	561.471	561.262	561.187	561.103	561.059	13
14	562.052	561.970	562.011	561.982	561.843	561.702	561.591	561.462	561.255	561.186	561.100	561.056	14
15	562.049	561.970	562.016	561.980	561.835	561.698	561.587	561.461	561.248	561.185	561.097	561.052	15
16	562.046	561.969	562.019	561.979	561.825	561.695	561.577	561.455	561.243	561.184	561.095	561.049	16
17	562.043	561.989	562.024	561.972	561.817	561.691	561.572	561.448	561.234	561.180	561.094	561.044	17
18	562.042	562.012	562.023	561.965	561.811	561.689	561.574	561.438	561.229	561.176	561.093	561.040	18
19	562.040	562.017	562.021	561.960	561.804	561.687	561.583	561.432	561.225	561.171	561.096	561.039	19
20	562.038	562.029	562.017	561.954	561.795	561.685	561.583	561.426	561.218	561.166	561.096	561.038	20
21	562.034	562.037	562.013	561.949	561.785	561.684	561.586	561.421	561.213	561.162	561.094	561.034	21
22	562.032	562.039	562.008	561.947	561.773	561.684	561.589	561.414	561.210	561.158	561.091	561.031	22
23	562.029	562.041	562.008	561.943	561.767	561.680	561.581	561.407	561.206	561.156	561.089	561.029	23
24	562.027	562.038	562.007	561.939	561.766	561.673	561.574	561.406	561.203	561.153	561.089	561.027	24
25	562.027	562.036	562.011	561.936	561.763	561.666	561.567	561.409	561.199	561.150	561.091	561.022	25
26	562.026	562.035	562.011	561.933	561.757	561.659	561.562	561.404	561.201	561.149	561.091	561.018	26
27	562.022	562.034	562.015	561.932	561.754	561.653	561.557	561.398	561.211	561.149	561.091	561.015	27
28	562.018	562.032	562.030	561.935	561.748	561.649	561.551	561.389	561.214	561.148	561.091	561.015	28
29	562.014		562.031	561.935	561.738	561.649	561.544	561.378	561.210	561.145	561.091	561.008	29
30	562.011		562.033	561.928	561.730	561.643	561.540	561.364	561.204	561.142	561.088	561.005	30
31	562.008		562.034		561.724		561.536	561.354		561.140		561.002	31
MEAN	562.047	562.005	562.018	561.979	561.824	561.680	561.592	561.455	561.254	561.172	561.105	561.048	MEAN
MAX	562.083	562.041	562.034	562.037	561.924	561.716	561.650	561.534	561.347	561.202	561.137	561.085	MAX
MIN	562.008	561.969	562.007	561.928	561.724	561.643	561.536	561.354	561.199	561.140	561.088	561.002	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 33 N
LONG 103 47 28 W

REGULATED

MEAN, 561.596
MAXIMUM DAILY, 562.083 ON JAN 1
MINIMUM DAILY, 561.002 ON DEC 31
MAXIMUM INSTANTANEOUS,
562.087 AT 00:01 CST ON JAN 1

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHEELER RIVER BELOW RUSSELL LAKE - STATION NO. 06DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.5E	16.9E	17.0	17.4	19.2	24.9	18.7	13.0	9.58	8.53	10.6	11.9	1
2	16.5E	16.9E	17.0	17.3	20.2	25.1	18.8	13.1	9.70	8.91	10.5	11.9	2
3	16.5E	16.9E	17.1	17.3	20.9	24.8	18.4	12.9	9.42	8.98	10.4	12.0	3
4	16.5E	16.9A	17.1	17.6	21.4	24.9	18.4	12.8	9.54	9.01	10.5	12.0	4
5	16.5E	17.3	17.0	17.6	22.0	24.6	18.1	12.7	9.35	8.97	10.7	12.0	5
6	16.5E	17.5	17.0	17.9	22.9	23.4	17.0	12.7	9.24	8.86	10.7	12.2	6
7	16.5E	17.5	17.1	18.5	23.6	21.6	16.0	12.6	9.24	8.62	10.9	11.7	7
8	16.6E	17.0A	17.2	18.5	24.1	21.9	16.5	12.2	9.05	8.17	10.5	12.3	8
9	16.6E	17.0E	17.1	18.3	24.6	22.2	19.4	12.1	9.17	7.89	10.8	12.2	9
10	16.6E	17.1E	17.1	18.1	24.9	21.9	18.8	12.1	9.41	8.19	10.9	12.0	10
11	16.6E	17.2E	17.4	18.2	25.2	21.8	17.6	12.1	9.40	8.85	10.8	12.1B	11
12	16.6E	17.2E	17.4	17.8	25.7	21.7	16.8	11.4	9.39	9.38	10.9	12.2B	12
13	16.6E	17.3E	17.2	18.0	25.8	21.4	16.4	11.7	9.27	9.51	11.0	12.0B	13
14	16.6E	17.4A	17.0	18.0	25.7	21.5	16.1	11.4	9.00	9.71	11.0	11.9B	14
15	16.6E	17.7	16.9	17.9	25.9	21.4	15.7	11.2	8.79	9.83	10.9	11.9B	15
16	16.7E	17.9	16.7	17.6	26.4	21.1	15.5	11.4	8.76	10.1	10.8	11.7B	16
17	16.7E	17.8	16.6	17.7	26.7	20.2	15.7	11.1	9.14	10.1	10.8	11.5B	17
18	16.7E	17.8	16.8	17.6	26.8	19.9	15.8	11.0	8.93	9.85	11.0	11.4B	18
19	16.7E	17.8	16.8	17.5	27.0	20.2	14.7	10.8	8.47	9.83	11.4	11.2B	19
20	16.7E	17.7	16.9	17.3	27.0	20.0	14.0	10.8	8.03	9.73	11.4	11.0B	20
21	16.7E	17.6	17.2	17.6	26.9	20.0	14.1	10.8	8.05	10.0	11.5	10.8B	21
22	16.7E	17.4	17.3	17.7	25.9	19.8	14.1	10.5	8.25	9.85	11.5	10.7B	22
23	16.8E	17.7	17.6	17.7	26.5	20.0	13.7	10.3	8.84	9.85	11.5	10.7B	23
24	16.8E	17.8	17.5	17.2	26.9	19.8	13.6	10.2	8.86	10.1	11.5	10.7B	24
25	16.8E	17.7	17.4	17.5	26.8	19.5	13.7	10.2	8.87	9.75	11.5	10.7B	25
26	16.8E	17.5	17.3	17.4	26.6	19.7	13.8	10.3	8.79	9.80	11.6	10.6B	26
27	16.8E	17.4	17.2	17.9	25.9	19.6	14.0	10.3	8.49	9.80	11.7	10.6B	27
28	16.8E	17.1	17.3	17.9	25.3	19.0	14.1	10.4	8.24	9.82	11.7	10.8B	28
29	16.8E		17.4	18.1	25.1	18.7	13.6	10.3	8.19	9.97	11.7	10.8B	29
30	16.8E		17.2	18.5	24.8	18.9	13.2	9.84	8.37	10.2	12.1	10.8B	30
31	16.8E		17.4		24.7		13.1	9.78		10.4		11.0B	31
TOTAL	516.4	487.0	531.2	533.6	771.4	639.5	489.0	352.02	267.83	292.56	332.8	355.3	TOTAL
MEAN	16.7	17.4	17.1	17.8	24.9	21.3	15.8	11.4	8.93	9.44	11.1	11.5	MEAN
MAX	16.8	17.9	17.6	18.5	27.0	25.1	19.4	13.1	9.70	10.4	12.1	12.3	MAX
MIN	16.5	16.9	16.6	17.2	19.2	18.7	13.1	9.78	8.03	7.89	10.4	10.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.3
MAXIMUM DAILY, 27.0 ON MAY 19
MINIMUM DAILY, 7.89 ON OCT 9
MAXIMUM INSTANTANEOUS,
27.1 AT 21:51 CST ON MAY 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 28 40 N
LONG 104 59 50 W
DRAINAGE AREA, 3 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 600	JUL	42 200
FEB	42 100	AUG	30 400
MAR	45 900	SEP	23 100
APR	46 100	OCT	25 300
MAY	66 600	NOV	28 800
JUN	55 300	DEC	30 700

TOTAL DISCHARGE, 481 000 dam³

WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE - STATION NO. 05ND008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	731.526	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	731.844	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 36 N
LONG 102 16 46 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHITE FOX RIVER NEAR GARRICK - STATION NO. 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.00 B	0.313	0.057	0.019	0.014	0	0	---	---	1
2	---	---	0 B	0.829B	0.336	0.052	0.009	0.007	0	0	---	---	2
3	---	---	0 B	0.715B	0.346	0.035	0.005	0.006	0	0	---	---	3
4	---	---	0 B	0.620B	0.376	0.007	0.001	0.006	0	0	---	---	4
5	---	---	0 B	0.553B	0.333	0.006	0.002	0.006	0	0	---	---	5
6	---	---	0 B	0.500B	0.439	0.028	0.013	0.006	0	0	---	---	6
7	---	---	0 B	0.465B	0.388	0.071	0.032	0.003	0	0	---	---	7
8	---	---	0 B	0.448B	0.278	0.061	0.022	0	0	0	---	---	8
9	---	---	0 B	0.425B	0.206	0.050	0.004	0	0	0	---	---	9
10	---	---	0 B	0.410B	0.146	0.049	0	0	0	0	---	---	10
11	---	---	0 B	0.400B	0.142	0.041	0	0	0	0	---	---	11
12	---	---	0 B	0.396B	0.123	0.044	0	0	0	0	---	---	12
13	---	---	0.001B	0.391B	0.095	0.050	0	0	0	0	---	---	13
14	---	---	0.003B	0.395B	0.119	0.055	0.004	0	0	0	---	---	14
15	---	---	0.004B	0.410B	0.082	0.059	0.029	0	0	0	---	---	15
16	---	---	0.006B	0.672B	0.055	0.060	0.056	0	0	0	---	---	16
17	---	---	0.008B	0.693B	0.038	0.083	0.051	0	0	0	---	---	17
18	---	---	0.010B	0.646B	0.026	0.076	0.038	0	0	0	---	---	18
19	---	---	0.012B	0.612B	0.012	0.058	0.023	0	0	0	---	---	19
20	---	---	0.016B	0.625B	0.106	0.054	0.013	0	0	0	---	---	20
21	---	---	0.021B	0.649B	0.078	0.076	0.013	0	0	0	---	---	21
22	---	---	0.024B	0.618B	0.062	0.112	0.008	0	0	0	---	---	22
23	---	---	0.028B	0.601B	0.060	0.091	0.018	0	0	0	---	---	23
24	---	---	0.032B	0.549B	0.056	0.080	0.044	0	0	0	---	---	24
25	---	---	0.040B	0.555B	0.061	0.079	0.039	0	0	0	---	---	25
26	---	---	0.045B	0.476	0.104	0.068	0.027	0	0	0	---	---	26
27	---	---	0.060B	0.357	0.095	0.054	0.019	0	0	0	---	---	27
28	---	---	0.073B	0.303	0.074	0.051	0.012	0	0	0	---	---	28
29	---		0.090B	0.312	0.075	0.046	0.011	0	0	0	---	---	29
30	---		0.130B	0.301	0.083	0.033	0.008	0	0	0	---	---	30
31	---		0.180B		0.073		0.024	0		0		---	31
TOTAL	---	---	0.783	15.926	4.780	1.686	0.544	0.048	0	0	---	---	TOTAL
MEAN	---	---	0.025	0.531	0.154	0.056	0.018	0.002	0	0	---	---	MEAN
MAX	---	---	0.180	1.00	0.439	0.112	0.056	0.014	0	0	---	---	MAX
MIN	---	---	0	0.301	0.012	0.006	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.097
MAXIMUM DAILY, 1.00B ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 20 N
LONG 104 20 30 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	47.0
FEB	---	AUG	4.15
MAR	67.7	SEP	0
APR	1 380	OCT	0
MAY	413	NOV	---
JUN	146	DEC	---

TOTAL DISCHARGE, 2 060 dam³

WHITESAND RIVER NEAR CAMORA - STATION NO. 05MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.218B	0.602B	0.055	0.992	0.528	0.152	0.030	0	0.603	---	1
2	---	---	0.218B	0.542B	0.060	0.897	0.675	0.117	0.020	0.005	0.807A	---	2
3	---	---	0.189B	0.451B	0.075	0.445	0.822	0.406	0.015	0.153	---	---	3
4	---	---	0.142B	0.419B	0.411	0.665	1.04	0.869	0.012	0.403	---	---	4
5	---	---	0.108B	0.418B	0.615	0.845	1.00	1.17	0.020	0.436	---	---	5
6	---	---	0.097B	0.381B	0.392	0.408	0.769	1.65	0.038	0.314	---	---	6
7	---	---	0.082B	0.311B	0.246	0.096	0.836	1.52	0.056	0.131	---	---	7
8	---	---	0.080B	0.261B	0.223	0.061	0.128	1.40	0.065	0.085	---	---	8
9	---	---	0.078B	0.258	0.170	0.037	0.107	1.11	0.054	0.079	---	---	9
10	---	---	0.081B	0.234	0.091	0.024	0.140	0.897	0.043	0.167	---	---	10
11	---	---	0.108B	0.219	0.068	0.013	0.113	0.641	0.031	0.135	---	---	11
12	---	---	0.183B	0.187	0.054	0.003	1.03	0.199	0.036	0.235	---	---	12
13	---	---	0.210B	0.116	0.051	0.001	0.462	0.175	0.040	0.193	---	---	13
14	---	---	0.229B	0.099	0.050	0.103	0.286	0.133	0.027	0.757	---	---	14
15	---	---	0.280B	0.080	0.047	0.386	0.398	0.089	0.017	1.03	---	---	15
16	---	---	0.374B	0.077	0.045	1.89	0.551	0.075	0.017	1.66	---	---	16
17	---	---	0.474B	0.068	0.053	2.59	1.87	0.072	0.016	2.47	---	---	17
18	---	---	0.513B	0.067	0.228	2.72	1.43	0.088	0.011	1.06	---	---	18
19	---	---	0.397B	0.064	0.738	2.47	1.15	0.070	0.009	1.41	---	---	19
20	---	---	0.301B	0.066	0.206	1.89	0.863	0.146	0.004	1.21	---	---	20
21	---	---	0.248B	0.093	0.103	1.47	0.875	0.651	0.001	1.31	---	---	21
22	---	---	0.214B	0.097	0.060	1.28	0.852	0.748	0.005	0.953	---	---	22
23	---	---	0.213B	0.087	0.065	1.10	1.15	0.393	0.003	0.760	---	---	23
24	---	---	0.243B	0.080	0.063	1.03	1.04	0.124	0	0.760	---	---	24
25	---	---	0.303B	0.074	0.058	1.15	0.937	0.077	0	0.611	---	---	25
26	---	---	0.302B	0.073	0.062	0.931	0.742	0.059	0	0.530	---	---	26
27	---	---	0.323B	0.077	0.304	0.683	0.446	0.049	0	0.481	---	---	27
28	---	---	0.386B	0.070	0.152	0.587	0.250	0.043	0	0.574	---	---	28
29	---		0.427B	0.060	0.183	0.486	0.126	0.048	0	0.692	---	---	29
30	---		0.465B	0.055	0.108	0.421	0.232	0.049	0	0.650	---	---	30
31	---		0.620B		0.341		0.330	0.041		0.637		---	31
TOTAL	---	---	8.106	5.686	5.377	25.674	21.178	13.261	0.570	19.891	---	---	TOTAL
MEAN	---	---	0.261	0.190	0.173	0.856	0.683	0.428	0.019	0.642	---	---	MEAN
MAX	---	---	0.620	0.602	0.738	2.72	1.87	1.65	0.065	2.47	---	---	MAX
MIN	---	---	0.078	0.055	0.045	0.001	0.107	0.041	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.407
MAXIMUM DAILY, 2.72 ON JUN 18
MINIMUM DAILY, 0 ON SEP 24
MAXIMUM INSTANTANEOUS,
4.08 AT 03:49 CST ON OCT 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 11 N
LONG 102 22 11 W
DRAINAGE AREA, 8 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	1 150
MAR	700	SEP	49.2
APR	491	OCT	1 720
MAY	465	NOV	---
JUN	2 220	DEC	---

TOTAL DISCHARGE, 8 630 dam³

WHITESAND RIVER NEAR SPRINGSIDE - STATION NO. 05MB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.047B	0.210B	0.078E	0.153	0.086	0.039	0.020	0.041	0.105	---	1
2	---	---	0.047B	0.180B	0.079E	0.114	0.105	0.029	0.029	0.037	0.079B	---	2
3	---	---	0.044B	0.160B	0.091E	0.078	0.170	0.023	0.027	0.101	---	---	3
4	---	---	0.040B	0.140B	0.070E	0.064	0.142	0.028	0.022	0.125	---	---	4
5	---	---	0.037B	0.130B	0.060E	0.075	0.111	0.031	0.021	0.075	---	---	5
6	---	---	0.034B	0.124B	0.050E	0.088	0.084	0.033	0.023	0.043	---	---	6
7	---	---	0.032B	0.130B	0.047E	0.100	0.082	0.038	0.026	0.031	---	---	7
8	---	---	0.031B	0.135B	0.046E	0.100	0.093	0.042	0.026	0.026	---	---	8
9	---	---	0.029B	0.110B	0.045E	0.044	0.081	0.041	0.025	0.026	---	---	9
10	---	---	0.029B	0.105B	0.046E	0.050	0.078	0.047	0.026	0.025	---	---	10
11	---	---	0.030B	0.080E	0.047A	0.049	0.083	0.047	0.023	0.031	---	---	11
12	---	---	0.032B	0.070E	0.047E	0.055	0.086	0.043	0.020	0.053	---	---	12
13	---	---	0.036B	0.065E	0.048E	0.064	0.088	0.037	0.018	0.085	---	---	13
14	---	---	0.044B	0.061E	0.050E	0.390	0.083	0.029	0.015	0.111	---	---	14
15	---	---	0.054B	0.060E	0.052E	1.00	0.091	0.023	0.017	0.102	---	---	15
16	---	---	0.074B	0.059E	0.056E	0.750	0.153	0.022	0.026	0.114	---	---	16
17	---	---	0.120B	0.058E	0.060E	0.669	0.243	0.028	0.011	0.083	---	---	17
18	---	---	0.160B	0.057E	0.062E	0.586	0.176	0.041	0.011	0.094	---	---	18
19	---	---	0.120B	0.057E	0.056E	0.494	0.116	0.068	0.015	0.207	---	---	19
20	---	---	0.115B	0.057E	0.054E	0.340	0.087	0.139	0.020	0.081	---	---	20
21	---	---	0.090B	0.058E	0.053E	0.322	0.077	0.175	0.027	0.084	---	---	21
22	---	---	0.070B	0.058E	0.051E	0.261	0.091	0.178	0.036	0.071	---	---	22
23	---	---	0.060B	0.058E	0.050E	0.227	0.060	0.167	0.034	0.080	---	---	23
24	---	---	0.066B	0.058E	0.050E	0.291	0.047	0.187	0.030	0.102	---	---	24
25	---	---	0.089B	0.058E	0.048E	0.317	0.039	0.193	0.030	0.085	---	---	25
26	---	---	0.100B	0.058E	0.050E	0.277	0.039	0.178	0.070	0.083	---	---	26
27	---	---	0.120B	0.059E	0.050A	0.274	0.036	0.174	0.096	0.083	---	---	27
28	---	---	0.150B	0.060E	0.055	0.200	0.029	0.173	0.060	0.088	---	---	28
29	---		0.170B	0.063E	0.070	0.151	0.030	0.169	0.045	0.074	---	---	29
30	---		0.200B	0.067E	0.192	0.101	0.030	0.180	0.046	0.060	---	---	30
31	---		0.250B		0.162		0.029	0.135		0.081		---	31
TOTAL	---	---	2.520	2.645	1.971	7.684	2.745	2.733	0.895	2.382	---	---	TOTAL
MEAN	---	---	0.081	0.088	0.064	0.256	0.089	0.088	0.030	0.077	---	---	MEAN
MAX	---	---	0.250	0.210	0.192	1.00	0.243	0.193	0.096	0.207	---	---	MAX
MIN	---	---	0.029	0.057	0.045	0.044	0.029	0.022	0.011	0.025	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.096
MAXIMUM DAILY, 1.00 ON JUN 15
MINIMUM DAILY, 0.011 ON SEP 17
MAXIMUM INSTANTANEOUS,
1.36 AT 14:35 CST ON JUN 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 50 N
LONG 102 44 12 W
DRAINAGE AREA, 2 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	237
FEB	---	AUG	236
MAR	218	SEP	77.3
APR	229	OCT	206
MAY	170	NOV	---
JUN	664	DEC	---

TOTAL DISCHARGE, 2 040 dam³

WILCOX MAIN DITCH NEAR WILCOX - STATION NO. 05JE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0	0	0	0	0	0	0	0	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.006B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.003B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.003B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.002B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.001B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0 B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.015	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.006	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.006B ON MAR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.025B AT 12:45 CST ON MAR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 41 N
LONG 104 46 53 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.30	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1.30 dam³

WILLIAM RIVER ABOVE CARSWELL RIVER - STATION NO. 07NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.26B	6.14B	9.31B	9.69B	31.8B	15.8	12.5	11.7	9.19	8.49	9.55B	8.90B	1
2	5.36B	7.12B	9.30B	9.26B	30.7B	15.5	12.3	11.3	9.13	8.80	9.70B	8.80B	2
3	5.61B	8.58B	9.34B	9.27B	29.7B	15.2	11.8	11.0	9.18	9.12	9.80B	8.60B	3
4	5.89B	8.77B	9.34B	9.77B	30.6B	15.4	11.8	10.8	9.16	9.11	9.80B	8.50B	4
5	6.04B	8.43B	9.32B	10.4 B	30.4	16.1	11.6	10.6	9.19	9.03	9.80B	8.30B	5
6	6.32B	8.32B	9.44B	10.8 B	30.1	16.5	11.4A	10.5	9.11	8.97	9.85B	8.00B	6
7	6.53B	8.39B	9.57B	10.2 B	29.9	15.7	12.1E	10.4	9.04	8.79	9.85B	7.70B	7
8	6.74B	8.24B	9.65B	11.2 B	29.3	15.1	13.4E	10.2	8.91	8.76	9.85B	7.60B	8
9	7.32B	7.22B	9.67B	11.5 B	28.9	14.8	14.1A	9.83	8.90	8.64	9.85B	7.50B	9
10	8.12B	7.54B	9.72B	11.4 B	28.6	14.8	15.3A	9.65	8.98	8.56	9.85B	7.40B	10
11	8.44B	7.88B	9.68B	11.3 B	28.2	14.5	15.6	9.40	8.99	8.56	9.85B	7.30B	11
12	8.50B	6.99B	9.61B	9.86B	27.8	14.1	14.8	9.39	9.00	8.50E	9.85B	7.25B	12
13	8.26B	6.50B	9.64B	11.7 B	27.0	14.1	14.2	9.44	8.96	8.60E	9.85B	7.15B	13
14	8.21B	6.56B	9.94B	11.2 B	26.2	13.7	13.7	9.50	8.93	8.90E	9.85B	7.05B	14
15	8.24B	6.77B	9.90B	11.1 B	25.3	13.7	13.4	9.65	8.85	9.20E	9.65B	7.00B	15
16	8.39B	7.04B	9.75B	10.8 B	24.8	13.7	12.9	9.25	8.79	9.55E	9.50B	6.96B	16
17	8.78B	7.55B	9.50B	10.5 B	24.5	13.2	12.7	9.41	8.81	9.80E	9.30B	6.92B	17
18	8.94B	7.92B	9.25B	10.2 B	24.2	12.8	12.7	9.15	8.60	9.90E	9.10B	6.88B	18
19	8.93B	8.43B	8.86B	10.0 B	23.7	13.0	12.3	9.02	8.27	9.85E	9.00B	6.84B	19
20	9.01B	8.85B	7.47B	9.99B	23.2	13.4	11.9	8.86	7.78	9.80E	8.90B	6.80B	20
21	9.05B	9.12B	7.02B	10.8 B	22.5	13.7	11.3	8.71	7.70	9.75E	8.90B	6.76B	21
22	8.90B	9.45B	7.31B	11.6 B	21.7	13.8	11.5	8.85	7.76	9.60E	8.95B	6.72B	22
23	8.90B	9.77B	7.46B	12.2 B	20.8	13.8	11.5	8.82	7.92	9.40E	9.00B	6.68B	23
24	9.08B	9.81B	7.64B	12.6 B	20.4	13.6	11.3	8.82	7.99	9.20E	9.05B	6.64B	24
25	9.18B	9.63B	7.55B	14.0 B	20.1	13.4	11.8	8.79	7.69	9.10E	9.15B	6.60B	25
26	9.16B	9.48B	7.66B	15.2 B	19.3	13.2	12.1	8.85	7.87	8.90B	9.20B	6.56B	26
27	9.16B	9.44B	8.17B	15.8 B	18.3	13.3	12.1	8.86	7.84	8.60B	9.20B	6.52B	27
28	9.07B	9.42B	8.95B	17.7 B	17.6	13.4	11.9	8.85	7.86	8.20B	9.15B	6.49B	28
29	8.88B		9.64B	22.0 B	16.8	12.7	11.9	9.04	7.89	8.70B	9.10B	6.46B	29
30	8.55B		9.90B	26.1 B	16.5	12.6	11.6	9.24	7.86	9.10B	9.05B	6.43B	30
31	7.75B		9.93B		16.2		11.1	9.26		9.30B		6.40B	31
TOTAL	246.57	229.36	279.49	368.14	765.1	424.6	388.6	297.14	256.15	280.78	283.50	223.71	TOTAL
MEAN	7.95	8.19	9.02	12.3	24.7	14.2	12.5	9.59	8.54	9.06	9.45	7.22	MEAN
MAX	9.18	9.81	9.94	26.1	31.8	16.5	15.6	11.7	9.19	9.90	9.85	8.90	MAX
MIN	5.26	6.14	7.02	9.26	16.2	12.6	11.1	8.71	7.69	8.20	8.90	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 31.8B ON MAY 1
MINIMUM DAILY, 5.26B ON JAN 1
MAXIMUM INSTANTANEOUS,
33.6B AT 20:37 CST ON MAY 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 50 N
LONG 109 00 10 W
DRAINAGE AREA, 4 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 300	JUL	33 600
FEB	19 800	AUG	25 700
MAR	24 100	SEP	22 100
APR	31 800	OCT	24 300
MAY	66 100	NOV	24 500
JUN	36 700	DEC	19 300

TOTAL DISCHARGE, 349 000 dam³

WILLOW BROOK AT WILLOWBROOK - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0		---	30
31	---		0		0		0	0		0			31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.002 AT 13:20 CST ON JUL 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 20 N
LONG 102 48 05 W
DRAINAGE AREA, 401 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

WILLOWS COULEE RESERVOIR - STATION NO. 05JD0u5

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	686.088	686.035	685.948	685.825	685.773	685.635	685.494	685.370	685.286	---	1
2	---	---	686.086	686.033	685.946	685.821	685.768	685.629	685.487	685.367	685.283A	---	2
3	---	---	686.085	686.030	685.941	685.815	685.764	685.625	685.478	685.364	---	---	3
4	---	---	686.084	686.029	685.938	685.812	685.758	685.619	685.472	685.361	---	---	4
5	---	---	686.082	686.030	685.931	685.804	685.751	685.620	685.469	685.358	---	---	5
6	---	---	686.079	686.025	685.920	685.799	685.743	685.623	685.466	685.353	---	---	6
7	---	---	686.078	686.020	685.916	685.796	685.739	685.616	685.460	685.346	---	---	7
8	---	---	686.078	686.015	685.917	685.802	685.726	685.609	685.455	685.345	---	---	8
9	---	---	686.075	686.011	685.912	685.807	685.714	685.604	685.449	685.344	---	---	9
10	---	---	686.073	686.006	685.910	685.803	685.708	685.601	685.442	685.338	---	---	10
11	---	---	686.070	686.002	685.908	685.800	685.699	685.595	685.436	685.335	---	---	11
12	---	---	686.068	686.001	685.902	685.800	685.696	685.589	685.429	685.350	---	---	12
13	---	---	686.066	685.997	685.900	685.813	685.696	685.585	685.424	685.363	---	---	13
14	---	---	686.063	685.994	685.897	685.823	685.709	685.579	685.418	685.358	---	---	14
15	---	---	686.062	685.992	685.893	685.825	685.706	685.577	685.413	685.356	---	---	15
16	---	---	686.060	685.990	685.889	685.828	685.700	685.575	685.408	685.352	---	---	16
17	---	---	686.057	685.984	685.884	685.828	685.697	685.570	685.404	685.347	---	---	17
18	---	---	686.056	685.979	685.878	685.820	685.694	685.566	685.400	685.343	---	---	18
19	---	685.865A	686.053	685.974	685.872	685.820	685.691	685.560	685.395	685.339	---	---	19
20	---	685.953	686.051	685.968	685.869	685.820	685.689	685.555	685.390	685.333	---	---	20
21	---	686.027	686.053	685.968	685.867	685.830	685.685	685.550	685.385	685.329	---	---	21
22	---	686.083	686.051	685.966	685.863	685.825	685.677	685.549	685.382	685.323	---	---	22
23	---	686.092	686.049	685.965	685.855	685.821	685.671	685.543	685.375	685.317	---	---	23
24	---	686.093	686.048	685.964	685.849	685.813	685.667	685.540	685.369	685.315	---	---	24
25	---	686.091	686.046	685.962	685.844	685.807	685.668	685.539	685.375	685.311	---	---	25
26	---	686.091	686.042	685.959	685.841	685.802	685.662	685.536	685.384	685.307	---	---	26
27	---	686.091	686.041	685.958	685.839	685.796	685.656	685.530	685.380	685.302	---	---	27
28	---	686.089	686.039	685.959	685.835	685.790	685.650	685.523	685.377	685.300	---	---	28
29	---		686.037	685.956	685.833	685.785	685.647	685.517	685.377	685.297	---	---	29
30	---		686.036	685.951	685.829	685.777	685.647	685.513	685.373	685.295	---	---	30
31	---		686.038		685.825		685.640	685.503		685.292		---	31
MEAN	---	---	686.061	685.991	685.886	685.810	685.700	685.573	685.419	685.336	---	---	MEAN
MAX	---	---	686.088	686.035	685.948	685.830	685.773	685.635	685.494	685.370	---	---	MAX
MIN	---	---	686.036	685.951	685.825	685.777	685.640	685.503	685.369	685.292	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 686.093 ON FEB 24

MAXIMUM INSTANTANEOUS,
686.094 AT 08:16 CST ON FEB 24

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 32 N
LONG 105 50 38 W

A - MANUAL GAUGE

REGULATED

WIWA CREEK NEAR ST. BOSWELLS - STATION NO. 05JC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.300B	0	0	0	0	0.044	0	0	---	---	1
2	---	---	0.145B	0	0	0	0	0.035	0	0	---	---	2
3	---	---	0.118B	0	0	0	0	0.028	0	0	---	---	3
4	---	---	0.087B	0	0	0	0	0.023	0	0	---	---	4
5	---	---	0.060B	0	0	0	0	0.018	0	0	---	---	5
6	---	---	0.041B	0	0	0	0	0.013	0	0	---	---	6
7	---	---	0.033B	0	0	0	0	0.009	0	0	---	---	7
8	---	---	0.022B	0	0	0	0	0.006	0	0	---	---	8
9	---	---	0.014B	0	0	0	0	0.004	0	0	---	---	9
10	---	---	0.008B	0	0	0	0	0.003	0	0	---	---	10
11	---	---	0.005B	0	0	0	0	0.001	0	0	---	---	11
12	---	---	0.002B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.002B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.002B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.002B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.001B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.001B	0	0	0	0	0	0	0	---	---	17
18	---	2.75 A	0.001B	0	0	0	0	0	0	0	---	---	18
19	---	3.86	0.001B	0	0	0	0	0	0	0	---	---	19
20	---	4.79	0.001B	0	0	0	0	0	0	0	---	---	20
21	---	3.49	0 B	0	0	0	0	0	0	0	---	---	21
22	---	2.69	0 B	0	0	0	0	0	0	0	---	---	22
23	---	1.78 B	0	0	0	0	0.059	0	0	0	---	---	23
24	---	0.882B	0	0	0	0	0.241	0	0	0	---	---	24
25	---	0.805B	0	0	0	0	0.229	0	0	0	---	---	25
26	---	0.750B	0	0	0	0	0.191	0	0	0	---	---	26
27	---	0.700B	0	0	0	0	0.158	0	0	0	---	---	27
28	---	0.630B	0	0	0	0	0.129	0	0	0	---	---	28
29	---		0	0	0	0	0.099	0	0	0	---	---	29
30	---		0	0	0	0	0.072	0	0	0	---	---	30
31	---		0		0		0.055	0		0		---	31
TOTAL	---	---	0.846	0	0	0	1.233	0.184	0	0	---	---	TOTAL
MEAN	---	---	0.027	0	0	0	0.040	0.006	0	0	---	---	MEAN
MAX	---	---	0.300	0	0	0	0.241	0.044	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.300B ON MAR 1
MINIMUM DAILY, 0B ON MAR 21
MAXIMUM INSTANTANEOUS,
5.94 AT 19:35 CST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 05 N
LONG 106 45 18 W
DRAINAGE AREA, 1 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	107
FEB	---	AUG	15.9
MAR	73.1	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 196 dam³

REMARKS - THE PEAK DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

WOLLASTON LAKE AT ROSS CHANNEL - STATION NO. 06DA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.189	28.150	28.124	28.096	28.102	28.260	28.280	28.243	28.183	28.063	27.930	27.888	1
2	28.188	28.148	28.125	28.095	28.105	28.265	28.284	28.241	28.115	28.038	27.936	27.883	2
3	28.186	28.146	28.124	28.098	28.104	28.268	28.286	28.238	28.120	28.028	27.926	27.887	3
4	28.186	28.145	28.122	28.100	28.108	28.269	28.277	28.236	28.128	28.020	27.928	27.885	4
5	28.187	28.143	28.118	28.093	28.119	28.270	28.262	28.234	28.124	28.010	27.936	27.878	5
6	28.185	28.141	28.116	28.092	28.122	28.271	28.270	28.225	28.120	28.007	27.928	27.871	6
7	28.187	28.139	28.117	28.102	28.131	28.271	28.281	28.216	28.108	28.003	27.897	27.875	7
8	28.183	28.140	28.118	28.108	28.136	28.274	28.295	28.224	28.125	27.998	27.908	27.880	8
9	28.184	28.139	28.115	28.107	28.147	28.271	28.279	28.224	28.109	28.003	27.912	27.880	9
10	28.182	28.136	28.114	28.106	28.154	28.267	28.286	28.215	28.103	28.001	27.912	27.873	10
11	28.180	28.134	28.117	28.105	28.162	28.274	28.283	28.189	28.097	28.005	27.922	27.884	11
12	28.181	28.140	28.114	28.106	28.170	28.280	28.282	28.226	28.099	27.994	27.916	27.894	12
13	28.180	28.137	28.112	28.112	28.172	28.284	28.284	28.189	28.094	27.991	27.915	27.893	13
14	28.176	28.137	28.111	28.109	28.177	28.280	28.282	28.199	28.089	27.991	27.907	27.886	14
15	28.178	28.138	28.109	28.106	28.184	28.278	28.283	28.218	28.090	28.012	27.888	27.881	15
16	28.181	28.137	28.102	28.109	28.191	28.277	28.281	28.202	28.108	27.990	27.889	27.883	16
17	28.178	28.134	28.102	28.111	28.200	28.275	28.277	28.205	28.083	27.969	27.894	27.883	17
18	28.170	28.138	28.106	28.111	28.207	28.276	28.273	28.195	28.071	27.984	27.896	27.887	18
19	28.169	28.138	28.105	28.105	28.214	28.274	28.274	28.193	28.082	27.959	27.894	27.884	19
20	28.173	28.134	28.096	28.106	28.223	28.271	28.275	28.204	28.096	27.961	27.895	27.874	20
21	28.174	28.141	28.102	28.104	28.229	28.270	28.272	28.190	28.079	27.956	27.894	27.872	21
22	28.167	28.134	28.107	28.102	28.230	28.274	28.265	28.183	28.054	27.943	27.885	27.876	22
23	28.166	28.128	28.106	28.099	28.234	28.270	28.257	28.188	28.044	27.958	27.885	27.879	23
24	28.166	28.130	28.104	28.096	28.241	28.270	28.245	28.181	28.061	27.927	27.885	27.877	24
25	28.157	28.129	28.102	28.099	28.242	28.274	28.254	28.175	28.065	27.949	27.884	27.876	25
26	28.160	28.127	28.102	28.097	28.247	28.273	28.263	28.177	28.034	27.942	27.882	27.870	26
27	28.158	28.127	28.101	28.096	28.248	28.272	28.264	28.178	28.041	27.959	27.887	27.872	27
28	28.154	28.128	28.101	28.094	28.251	28.281	28.253	28.168	28.061	27.955	27.888	27.872	28
29	28.156		28.094	28.097	28.254	28.284	28.240	28.148	28.060	27.947	27.888	27.866	29
30	28.154		28.097	28.099	28.254	28.286	28.247	28.150	28.045	27.936	27.887	27.863	30
31	28.149		28.099		28.257		28.244	28.150		27.948		27.861	31
MEAN	28.174	28.137	28.109	28.102	28.188	28.274	28.271	28.200	28.090	27.982	27.903	27.878	MEAN
MAX	28.189	28.150	28.125	28.112	28.257	28.286	28.295	28.243	28.183	28.063	27.936	27.894	MAX
MIN	28.149	28.127	28.094	28.092	28.102	28.260	28.240	28.148	28.034	27.927	27.882	27.861	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 28.109
MAXIMUM DAILY, 28.295 ON JUL 8
MINIMUM DAILY, 27.861 ON DEC 31
MAXIMUM INSTANTANEOUS,
28.312 AT 09:35 CST ON JUL 18

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 50 N
LONG 103 16 50 W

NATURAL FLOW

WOOD RIVER DIVERSION TO CHAPLIN LAKE - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.15 B	0.854	0.442	0.090	0.083	0.238	0.073	0.049	0.183	---	1
2	---	---	1.15 B	0.847	0.383	0.080	0.058	0.292	0.059	0.041	0.184	---	2
3	---	---	1.02 B	0.812	0.412	0.071	0.055	0.294	0.077	0.040	0.187A	---	3
4	---	---	0.973B	0.754	0.404	0.071	0.049	0.279	0.077	0.041	---	---	4
5	---	---	0.974B	0.711	0.407	0.063	0.034	0.278	0.070	0.038	---	---	5
6	---	---	0.860B	0.551	0.412	0.071	0.037	0.311	0.069	0.038	---	---	6
7	---	---	0.802B	0.931	0.351	0.073	0.028	0.307	0.066	0.040	---	---	7
8	---	---	0.817B	0.919	0.351	0.070	0.011	0.303	0.065	0.035	---	---	8
9	---	---	0.809B	0.799	0.297	0.081	0.009	0.296	0.064	0.036	---	---	9
10	---	---	0.773B	0.792	0.317	0.082	0.013	0.294	0.052	0.041	---	---	10
11	---	---	0.728B	0.751	0.325	0.090	0.019	0.283	0.056	0.061	---	---	11
12	---	---	0.749B	0.693	0.301	0.101	0.008	0.272	0.061	0.073	---	---	12
13	---	---	0.881B	0.692	0.285	0.097	0.019	0.277	0.062	0.073	---	---	13
14	---	---	0.987B	0.654	0.296	0.063	0.019	0.266	0.062	0.099	---	---	14
15	---	---	1.28	0.728	0.353	0.041	0.018	0.269	0.063	0.141	---	---	15
16	---	---	1.46	0.726	0.320	0.045	0.018	0.247	0.062	0.150	---	---	16
17	---	---	1.39	0.907	0.252	0.054	0.014	0.237	0.059	0.143	---	---	17
18	---	0 B	1.29	0.930	0.241	0.050	0.038	0.233	0.055	0.157	---	---	18
19	---	0 B	1.27	0.828	0.242	0.074	0.068	0.218	0.052	0.158	---	---	19
20	---	0 B	1.20	0.759	0.229	0.093	0.100	0.208	0.039	0.158	---	---	20
21	---	0.100B	1.21	0.700	0.230	0.095	0.130	0.199	0.045	0.168	---	---	21
22	---	0.350B	1.22	0.648	0.253	0.093	0.168	0.187	0.036	0.188	---	---	22
23	---	0.600B	1.11	0.613	0.205	0.098	0.194	0.183	0.034	0.194	---	---	23
24	---	0.819B	1.01	0.562	0.176	0.091	0.238	0.193	0.040	0.204	---	---	24
25	---	0.806B	0.960	0.564	0.151	0.109	0.256	0.185	0.044	0.216	---	---	25
26	---	0.841B	0.915	0.538	0.129	0.117	0.268	0.161	0.037	0.210	---	---	26
27	---	1.02 B	0.920	0.518	0.124	0.115	0.270	0.140	0.048	0.224	---	---	27
28	---	1.14 B	0.887	0.498	0.110	0.086	0.259	0.120	0.059	0.175	---	---	28
29	---		0.869	0.477	0.109	0.067	0.253	0.108	0.053	0.148	---	---	29
30	---		0.903	0.474	0.107	0.080	0.296	0.091	0.050	0.128	---	---	30
31	---		0.905		0.098		0.271	0.087		0.156		---	31
TOTAL	---	---	31.472	21.230	8.312	2.411	3.301	7.106	1.689	3.623	---	---	TOTAL
MEAN	---	---	1.02	0.708	0.268	0.080	0.106	0.229	0.056	0.117	---	---	MEAN
MAX	---	---	1.46	0.931	0.442	0.117	0.296	0.311	0.077	0.224	---	---	MAX
MIN	---	---	0.728	0.474	0.098	0.041	0.008	0.087	0.034	0.035	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.323
MAXIMUM DAILY, 1.46 ON MAR 16
MINIMUM DAILY, 0.008 ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 46 N
LONG 106 21 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	285
FEB	---	AUG	614
MAR	2 720	SEP	146
APR	1 830	OCT	313
MAY	718	NOV	---
JUN	208	DEC	---

TOTAL DISCHARGE, 6 830 dam³

WOOD RIVER NEAR LAFLECHE - STATION NO. 05JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.03 B	0.199	0.007	0.001	0.229	0.040	0.311	0.001	0.001	---	1
2	---	---	1.84 B	0.178	0.008	0.001	0.191	0.024	0.238	0.001	0.001A	---	2
3	---	---	1.63 B	0.155	0.009	0.001	0.151	0.020	0.187	0.001	---	---	3
4	---	---	1.47 B	0.135	0.009	0	0.111	0.021	0.133	0.001	---	---	4
5	---	---	1.21 B	0.129	0.010	0	0.080	0.025	0.104	0.001	---	---	5
6	---	---	1.08 B	0.101	0.009	0	0.046	0.025	0.080	0.001	---	---	6
7	---	---	1.01 B	0.097	0.008	0	0.028	0.024	0.059	0.001	---	---	7
8	---	---	0.937B	0.085	0.007	0.001	0.019	0.021	0.034	0	---	---	8
9	---	---	0.893B	0.076	0.007	0.001	0.016	0.018	0.024	0	---	---	9
10	---	---	0.818B	0.078	0.006	0.001	0.012	0.015	0.018	0	---	---	10
11	---	---	0.817B	0.080	0.005	0	0.008	0.011	0.014	0	---	---	11
12	---	---	0.733B	0.081	0.004	0	0.007	0.008	0.008	0.001	---	---	12
13	---	---	0.673B	0.068	0.004	0.002	0.009	0.006	0.006	0.002	---	---	13
14	---	---	0.618B	0.049	0.003	0.003	0.014	0.004	0.003	0.002	---	---	14
15	---	---	0.585B	0.036	0.004	0.003	0.013	0.004	0.001	0.002	---	---	15
16	---	---	0.517B	0.025	0.004	0.005	0.013	0.008	0	0.002	---	---	16
17	---	---	0.467B	0.019	0.003	0.008	0.012	0.003	0	0.002	---	---	17
18	---	0.414B	0.447B	0.014	0.003	0.012	0.011	0.002	0	0.002	---	---	18
19	---	2.42 B	0.435B	0.014	0.003	0.015	0.009	0.002	0.001	0.002	---	---	19
20	---	9.77 B	0.400B	0.013	0.002	0.088	0.007	0.001	0	0.001	---	---	20
21	---	8.40 B	0.386B	0.012	0.002	0.961	0.005	0	0.001	0.001	---	---	21
22	---	8.30 B	0.357B	0.011	0.001	1.26	0.004	0.003	0	0.001	---	---	22
23	---	7.19 B	0.328B	0.012	0.001	1.22	0.003	0.003	0	0.001	---	---	23
24	---	5.80 B	0.308B	0.013	0.001	1.03	0.003	0.004	0	0.001	---	---	24
25	---	4.03 B	0.292B	0.013	0	0.862	0.002	0.215	0	0.001	---	---	25
26	---	3.74 B	0.270B	0.014	0	0.675	0.003	0.984	0	0.001	---	---	26
27	---	3.05 B	0.242B	0.014	0	0.511	0.024	1.24	0.001	0.001	---	---	27
28	---	2.32 B	0.222B	0.011	0	0.386	0.075	1.13	0.001	0.001	---	---	28
29	---		0.213	0.008	0	0.323	0.116	0.933	0.001	0.001	---	---	29
30	---		0.209	0.006	0	0.266	0.107	0.688	0	0.001	---	---	30
31	---		0.209		0		0.074	0.460		0.001		---	31
TOTAL	---	---	21.646	1.746	0.120	7.636	1.402	5.938	1.225	0.034	---	---	TOTAL
MEAN	---	---	0.698	0.058	0.004	0.255	0.045	0.192	0.041	0.001	---	---	MEAN
MAX	---	---	2.03	0.199	0.010	1.26	0.229	1.24	0.311	0.002	---	---	MAX
MIN	---	---	0.209	0.006	0	0	0.002	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.162
MAXIMUM DAILY, 2.03B ON MAR 1
MINIMUM DAILY, 0 ON MAY 25
MAXIMUM INSTANTANEOUS,
10.4B AT 14:10 CST ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 01 N
LONG 106 41 33 W
DRAINAGE AREA, 4 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

REMARKS - THE MAXIMUM DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	121
FEB	---	AUG	513
MAR	1 870	SEP	106
APR	151	OCT	2.94
MAY	10.4	NOV	---
JUN	660	DEC	---

TOTAL DISCHARGE, 3 430 dam³

YELLOW GRASS DITCH NEAR YELLOW GRASS - STATION NO. 05NB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.031	0	0	0	0	0	0	---	---	1
2	---	---	0	0.027	0	0	0	0	0	0	---	---	2
3	---	---	0	0.017	0	0	0	0	0	0	---	---	3
4	---	---	0	0.013	0	0	0	0	0	0	---	---	4
5	---	---	0	0.008	0	0	0	0	0	0	---	---	5
6	---	---	0	0.009	0	0	0	0	0	0	---	---	6
7	---	---	0	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0.002	0	0	0	0	---	---	13
14	---	---	0	0	0	0.023	0.002	0	0	0	---	---	14
15	---	---	0	0	0	0.003	0.001	0	0	0	---	---	15
16	---	---	0.001	0	0	0.002	0	0	0	0	---	---	16
17	---	---	0.027	0	0	0.029	0	0	0	0	---	---	17
18	---	---	0.074	0	0	0.044	0	0	0	0	---	---	18
19	---	---	0.088	0	0	0.022	0	0	0	0	---	---	19
20	---	---	0.056	0	0	0.017	0	0	0	0	---	---	20
21	---	---	0.047	0	0	0.013	0	0	0	0	---	---	21
22	---	---	0.034	0	0	0.007	0	0	0	0	---	---	22
23	---	---	0.032	0	0	0.002	0	0	0	0	---	---	23
24	---	---	0.030	0	0	0	0	0	0	0	---	---	24
25	---	---	0.029	0	0	0	0	0	0	0	---	---	25
26	---	---	0.022	0	0	0	0	0	0	0	---	---	26
27	---	---	0.028	0	0	0	0	0	0	0	---	---	27
28	---	---	0.036	0	0	0	0	0	0	0	---	---	28
29	---		0.033	0	0	0	0	0	0	0	---	---	29
30	---		0.031	0	0	0	0	0	0	0	---	---	30
31	---		0.041		0		0	0		0		---	31
TOTAL	---	---	0.609	0.107	0	0.164	0.003	0	0	0	---	---	TOTAL
MEAN	---	---	0.020	0.004	0	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0.088	0.031	0	0.044	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.088 ON MAR 19
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.116 AT 06:11 CST ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 11 N
LONG 104 02 16 W
DRAINAGE AREA, 1 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	0
MAR	52.6	SEP	0
APR	9.24	OCT	0
MAY	0	NOV	---
JUN	14.2	DEC	---

TOTAL DISCHARGE, 76.3 dam³

YORKTON CREEK NEAR EBENEZER - STATION NO. 05MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.040B	0.151B	0.126	0.139	0.110	3.78	0.083	0.248	0.235	---	1
2	---	---	0.040B	0.148B	0.071	0.105	0.175	3.25	0.117	0.202	0.247A	---	2
3	---	---	0.042B	0.135B	0.056	0.090	0.126	1.89	0.151	0.190	---	---	3
4	---	---	0.042B	0.115B	0.057	0.072	0.126	0.741	0.138	0.177	---	---	4
5	---	---	0.041B	0.133B	0.070	0.081	0.109	0.324	0.140	0.159	---	---	5
6	---	---	0.029B	0.138B	0.061	0.173	0.085	0.253	0.174	0.148	---	---	6
7	---	---	0.024B	0.102B	0.059	0.140	0.108	0.219	0.162	0.137	---	---	7
8	---	---	0.027B	0.102B	0.075	0.115	0.105	0.208	0.147	0.128	---	---	8
9	---	---	0.032B	0.093	0.078	0.093	0.092	0.195	0.163	0.126	---	---	9
10	---	---	0.038B	0.085	0.068	0.077	0.085	0.186	0.160	0.126	---	---	10
11	---	---	0.053B	0.072	0.075	0.065	0.086	0.177	0.160	0.125	---	---	11
12	---	---	0.068B	0.056	0.073	0.065	0.085	0.178	0.140	0.135	---	---	12
13	---	---	0.097B	0.040	0.077	0.058	0.084	0.159	0.123	0.509	---	---	13
14	---	---	0.103B	0.036	0.085	0.097	0.090	0.151	0.114	0.743	---	---	14
15	---	---	0.113B	0.038	0.096	1.37	0.117	0.129	0.089	0.387	---	---	15
16	---	---	0.114B	0.067	0.086	1.37	0.176	0.117	0.075	0.291	---	---	16
17	---	---	0.114B	0.057	0.079	0.650	1.30	0.104	0.071	0.211	---	---	17
18	---	---	0.116B	0.046	0.076	0.399	1.95	0.100	0.066	0.190	---	---	18
19	---	---	0.110B	0.045	0.065	0.291	1.63	0.096	0.066	0.187	---	---	19
20	---	---	0.108B	0.048	0.055	0.213	1.10	0.109	0.057	0.203	---	---	20
21	---	---	0.110B	0.036	0.063	0.187	0.623	0.140	0.057	0.195	---	---	21
22	---	---	0.099B	0.039	0.070	0.177	0.407	0.142	0.065	0.190	---	---	22
23	---	---	0.090B	0.041	0.093	0.189	0.383	0.130	0.053	0.208	---	---	23
24	---	---	0.096B	0.048	0.122	0.165	0.332	0.110	0.054	0.207	---	---	24
25	---	---	0.113B	0.050	0.161	0.141	0.357	0.098	0.061	0.200	---	---	25
26	---	---	0.124B	0.053	0.169	0.160	0.502	0.091	0.087	0.201	---	---	26
27	---	---	0.126B	0.042	0.136	0.121	0.421	0.076	0.618	0.215	---	---	27
28	---	---	0.132B	0.038	0.146	0.105	0.327	0.066	0.779	0.220	---	---	28
29	---		0.151B	0.060	0.284	0.095	0.278	0.058	0.377	0.220	---	---	29
30	---		0.177B	0.153	0.453	0.115	0.260	0.058	0.288	0.220	---	---	30
31	---		0.183B		0.194		1.17	0.052		0.233		---	31
TOTAL	---	---	2.752	2.267	3.379	7.118	12.799	13.387	4.835	6.931	---	---	TOTAL
MEAN	---	---	0.089	0.076	0.109	0.237	0.413	0.432	0.161	0.224	---	---	MEAN
MAX	---	---	0.183	0.153	0.453	1.37	1.95	3.78	0.779	0.743	---	---	MAX
MIN	---	---	0.024	0.036	0.055	0.058	0.084	0.052	0.053	0.125	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.218
MAXIMUM DAILY, 3.78 ON AUG 1
MINIMUM DAILY, 0.024B ON MAR 7
MAXIMUM INSTANTANEOUS,
4.03 AT 14:30 CST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 50 N
LONG 102 30 11 W
DRAINAGE AREA, 2 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 110
FEB	---	AUG	1 160
MAR	238	SEP	418
APR	196	OCT	599
MAY	292	NOV	---
JUN	615	DEC	---

TOTAL DISCHARGE, 4 630 dam³

ZELMA RESERVOIR AT PUMP STATION - STATION NO. 05HG012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	517.727E	517.698E	517.677E	517.277E	516.975E	517.019E	517.270E	517.317E	517.307E	517.670E	517.953E	517.895	1
2	517.726E	517.697E	517.676E	517.242	516.973E	517.024E	517.274E	517.317E	517.313E	517.685E	517.951E	517.890	2
3	517.724E	517.696E	517.675E	517.224	516.970E	517.030E	517.279	517.317E	517.318E	517.701E	517.948E	517.894E	3
4	517.723E	517.694E	517.674E	517.212E	516.968	517.035E	517.280E	517.316	517.324E	517.716E	517.945E	517.899E	4
5	517.721E	517.693E	517.674E	517.200E	516.968	517.041	517.282E	517.316E	517.330E	517.732E	517.942E	517.903	5
6	517.720E	517.692E	517.673E	517.188E	516.972	517.068E	517.284E	517.315E	517.335E	517.747E	517.940E	517.901E	6
7	517.719E	517.690E	517.672E	517.176E	516.966E	517.095E	517.286E	517.315E	517.341E	517.763E	517.937E	517.899E	7
8	517.717E	517.689E	517.671E	517.164E	516.960E	517.122	517.288E	517.314E	517.347E	517.778E	517.934E	517.898E	8
9	517.716E	517.688E	517.670E	517.152E	516.953E	517.131E	517.290E	517.313E	517.352E	517.794E	517.931E	517.896E	9
10	517.715E	517.686E	517.669E	517.140E	516.947E	517.140	517.291E	517.313	517.358E	517.809E	517.929E	517.894E	10
11	517.713E	517.685E	517.668	517.128E	516.941	517.143E	517.293E	517.309E	517.364E	517.825E	517.926E	517.892E	11
12	517.712E	517.683E	517.667	517.116E	516.937E	517.146	517.295E	517.305	517.370E	517.840E	517.923E	517.890E	12
13	517.710E	517.682E	517.668E	517.103E	516.932E	517.166E	517.297E	517.295	517.375E	517.856E	517.920E	517.889E	13
14	517.709	517.681E	517.669E	517.091E	516.928E	517.186E	517.299E	517.294	517.381E	517.871E	517.918E	517.887E	14
15	517.708E	517.679E	517.669E	517.079E	516.923	517.206	517.301E	517.292E	517.387E	517.887E	517.915E	517.885	15
16	517.707E	517.678E	517.670	517.067E	516.929E	517.208E	517.303E	517.290E	517.392E	517.902E	517.912	517.885E	16
17	517.706E	517.677E	517.665	517.055E	516.934E	517.209	517.304E	517.288	517.398E	517.918E	517.911E	517.886E	17
18	517.705E	517.675E	517.650	517.043E	516.940E	517.220E	517.306E	517.293E	517.404	517.933E	517.911E	517.886E	18
19	517.704	517.674E	517.630E	517.031E	516.945E	517.231	517.308E	517.299	517.424E	517.949	517.910E	517.887E	19
20	517.703E	517.673E	517.610E	517.019E	516.951E	517.234E	517.310E	517.296E	517.444E	517.950E	517.909E	517.887E	20
21	517.702	517.671E	517.590E	517.007E	516.957E	517.237E	517.312E	517.293E	517.464	517.951E	517.909E	517.888E	21
22	517.702E	517.670	517.570E	516.995	516.962E	517.240E	517.314E	517.290E	517.476E	517.952E	517.908E	517.888	22
23	517.701	517.672E	517.550E	516.993E	516.968E	517.243E	517.315E	517.287E	517.489E	517.953E	517.907E	517.886	23
24	517.701E	517.674E	517.530	516.991E	516.974E	517.246E	517.317	517.284	517.501E	517.954E	517.907E	517.885E	24
25	517.702E	517.675E	517.512	516.988E	516.979E	517.249E	517.317E	517.284E	517.514	517.954E	517.906	517.885E	25
26	517.702	517.677E	517.479E	516.986E	516.985E	517.252E	517.317E	517.284E	517.543E	517.955E	517.904E	517.884	26
27	517.701E	517.679	517.446E	516.984E	516.990E	517.255E	517.317E	517.284E	517.572E	517.956E	517.902E	517.883E	27
28	517.700	517.678E	517.412E	516.982E	516.996E	517.258E	517.317E	517.284	517.602E	517.957E	517.901E	517.881E	28
29	517.701E		517.379E	516.979E	517.002E	517.262	517.317E	517.290E	517.631	517.958E	517.899E	517.880	29
30	517.701		517.346	516.977E	517.007E	517.266E	517.317E	517.296E	517.654	517.959	517.897E	517.880	30
31	517.700E		517.311E		517.013E		517.317E	517.301E		517.956E		517.880E	31
MEAN	517.710	517.682	517.594	517.086	516.963	517.172	517.301	517.300	517.424	517.866	517.920	517.889	MEAN
MAX	517.727	517.698	517.677	517.277	517.013	517.266	517.317	517.317	517.654	517.959	517.953	517.903	MAX
MIN	517.700	517.670	517.311	516.977	516.923	517.019	517.270	517.284	517.307	517.670	517.897	517.880	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 517.492
MAXIMUM DAILY, 517.959 ON OCT 30
MINIMUM DAILY, 516.923 ON MAY 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 50 20 N
LONG 105 50 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NAME	STATION NO.	PAGE
ADAMS LAKE	11AB095	1
ALCOTT CREEK ABOVE MEADOW LAKE	06AD011	1
ALTAWAN RESERVOIR NEAR GOVENLOCK	11AB089	2
AMISK LAKE NEAR FLIN FLON	05KG003	2
ANGLIN LAKE RESERVOIR	05GG005	3
ANTELOPE CREEK NEAR CABRI	05HC005	3
ANTLER RIVER NEAR WAUCHOPE	05NF010	4
ARCOLA INDEX RESERVOIR	05NC006	4
ARM RIVER NEAR BETHUNE	05JH001	5
ASSINIBOINE RIVER AT KAMSACK	05ND004	5
ASSINIBOINE RIVER AT STURGIS	05MC001	6
AVONLEA CREEK NEAR ROULEAU	05JE005	6
AVONLEA INDEX RESERVOIR	05JE010	7
AVONLEA RESERVOIR NEAR AVONLEA	05JE007	7
BALLANTYNE RIVER ABOVE BALLANTYNE BAY	05KF001	8
BARRIER RIVER BELOW BARRIER LAKE	05LA006	8
BATTLE CREEK AT ALBERTA BOUNDARY	11AB117	9
BATTLE CREEK AT INTERNATIONAL BOUNDARY	11AB027	9
BATTLE CREEK BELOW NASHLYN PROJECT	11AB101	10
BATTLE CREEK BELOW WILSON'S WEIR	11AB118	10
BATTLE CREEK NEAR CONSUL	11AB096	11
BATTLE RIVER AT BATTLEFORD	05FF001	11
BEAR CREEK NEAR PIAPOT	05HA003	12
BEAVER CREEK AT INTERNATIONAL BOUNDARY	11AF005	12
BEAVER RIVER BELOW WATERHEN RIVER	06AG001	13
BEAVER RIVER NEAR DORINTOSH	06AD001	13
BECKETT BROOK NEAR FOAM LAKE	05MA022	14
BELANGER CREEK DIVERSION TO CYPRESS LAKE	11AC064	14
BIG GULLY CREEK NEAR MAIDSTONE	05EF005	15
BIG QUILL LAKE NEAR KANDAHAR	05MA010	15
BIGSTONE LAKE NEAR LA RONGE	06CA004	16
BIRCH CREEK NEAR ELFROS	05MA011	16
BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE	05KH014	17
BIRCH RIVER NEAR MANITOBA BOUNDARY	05KH013	17
BIRLING CREEK NEAR PAYNTON	05EG006	18
BISSETT CREEK NEAR CHOICELAND	05KE006	18
BLACKSTRAP RESERVOIR AT SOUTH SIDE OF CAUSEWAY	05HG014	19
BOGGY CREEK NEAR LUMSDEN	05JF006	19
BOUNDARY RESERVOIR NEAR ESTEVAN	05NB012	20
BOXELDER CREEK NEAR WALSH	05AH001	20
BRADWELL INLET CANAL ABOVE BRADWELL RESERVOIR	05HG010	21
BRADWELL RESERVOIR AT PUMP STATION	05HG013	21
BRIDGE CREEK AT GULL LAKE	05HA015	22
BRIGHTWATER CREEK BELOW BRIGHTWATER RESERVOIR	05HG016	22
BRIGHTWATER CREEK NEAR KENASTON	05HG002	23
BRIGHTWATER CREEK NEAR PROCTOR LAKE	05HG020	23
BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET	05HG006	24
BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION	05HF007	24
BRODERICK RESERVOIR AT WEST ENBANKMENT	05HF017	25
BROKENSHELL CREEK NEAR TROSSACHS	05JE009	25
BUFFALO POUND LAKE AT PUMPING STATION	05JG009	26
BURNTOUT BROOK NEAR ARBORFIELD	05KB005	26
CANDLE LAKE AT CANDLE LAKE	05KE008	27
CANOE RIVER NEAR BEAUVAL	06BB005	27
CARROT RIVER NEAR ARMLEY	05KB003	28
CARROT RIVER NEAR KINISTINO	05KA001	28
CARROT RIVER NEAR SMOKY BURN	05KC001	29
CARROT RIVER NEAR TURNBERRY	05KH007	29
CHIPMAN RIVER ABOVE BLACK LAKE	07LC002	30
CHITEK LAKE AT CHITEK VILLAGE	06AD012	30
CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE	05GG009	31
CHURCHILL LAKE AT BUFFALO NARROWS	06BA001	31
CHURCHILL RIVER ABOVE OTTER RAPIDS	06CD002	32
CHURCHILL RIVER AT SANDY BAY	06EA002	32
CHURCHILL RIVER NEAR PATUANAK	06BB003	33
CLEARWATER RIVER AT OUTLET OF LLOYD LAKE	07CD006	33
CONJURING CREEK NEAR PREECEVILLE	05MC004	34
CONNELL CREEK NEAR CONNELL CREEK	05KC002	34
COOKSON RESERVOIR NEAR CORONACH	11AE013	35
COTTONWOOD CREEK NEAR LUMSDEN	05JF011	35
COWAN LAKE NEAR HONEYMOON POINT	06AE002	36
CREE LAKE AT CABLE BAY	07LD001	36
CREE RIVER AT OUTLET OF WAPATA LAKE	07LD002	37
CREIGHTON TRIBUTARY NEAR TOTNES	05HF014	37
CROMARTY CREEK NEAR BIRCH HILLS	05HH002	38
CROOKED HILL CREEK NEAR CANORA	05MB006	38
CROOKED LAKE NEAR GRAYSON	05JM006	39
CRYSTAL CREEK NEAR IFFLEY	05EG004	39
CUMBERLAND LAKE NEAR CUMBERLAND HOUSE	05KH002	40
CUTARM CREEK NEAR SPY HILL	05JM015	40
CUTKNIFE CREEK NEAR CUTKNIFE	05FF003	41
CYPRESS LAKE	11AC037	41
CYPRESS LAKE EAST OUTFLOW CANAL	11AC060	42
CYPRESS LAKE WEST INFLOW CANAL	11AB078	42
CYPRESS LAKE WEST INFLOW CANAL DRAIN	11AB085	43
CYPRESS LAKE WEST OUTFLOW CANAL	11AB077	43
DEAD LAKE PROJECT - SOURIS RIVER CHANNEL	05NB029	44
DEAD LAKE RESERVOIR NEAR MIDALE	05NB022	44
DELLWOOD RESERVOIR AT PUMP STATION	05JJ008	45
DENNIEL CREEK NEAR VAL MARIE	11AC025	45
DESCHARME RIVER BELOW DUPRE LAKE	07CD007	46
DILLON RIVER AT OUTLET OF DILLON LAKE	06BA002	46
DOGHIDE RIVER NEAR RUNCIMAN	05KB011	47
DORE RIVER NEAR THE MOUTH	06AG002	47
DOUGLAS RIVER NEAR CLUFF LAKE	07MA003	48
DOWNIE LAKE INFLOW CANAL	05HA070	48
DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK	05HA064	49
DRAGLINE CHANNEL NEAR SQUAW RAPIDS	05KH011	49
DUCK CREEK NEAR KELVINGTON	05LA003	50
DUCK LAKE CREEK NEAR ROSTHERN	05HH003	50
EAGLE CREEK NEAR ANGLIA	05GC002	51
EAGLE CREEK NEAR ENVIRON	05GC006	51
EAST POPLAR RIVER ABOVE COOKSON RESERVOIR	11AE014	52
EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY	11AE003	52
EASTEND CANAL	11AC052	53
EASTEND RESERVOIR	11AC055	53
ECHO LAKE AT FISH HATCHERY	05JK005	54
EKAPO CREEK NEAR MARIEVAL	05JM010	54
ELBOW DIVERSION CANAL AT DROP STRUCTURE	05JG006	55
EMMA LAKE NEAR TWEEDSMUIR	05GG008	55
ENGLISHMAN RIVER NEAR SPRUCE LAKE	05EF006	56
ETOMAMI RIVER NEAR BERTWELL	05LB002	56
EYEHILL CREEK NEAR MACKLIN	05GA007	57
FAHLMAN CREEK NEAR DAVIN	05JF008	57
FIR RIVER NEAR HUDSON BAY	05LB007	58

INDEX (CONT.)

NAME	STATION NO.	PAGE
FISHING LAKE NEAR WADENA	05MB013	58
FLOWING WELL WEST INFLOW NEAR FLOWING WELL	05JC007	59
FOND DU LAC RIVER AT OUTLET OF BLACK LAKE	07LE002	59
FOSTER RIVER ABOVE CHURCHILL RIVER	06CE001	60
FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY	11AC041	60
FRENCHMAN RIVER BELOW EASTEND RESERVOIR	11AC001	61
FRENCHMAN RIVER BELOW NEWTON LAKE	11AC062	61
FROBISHER INDEX RESERVOIR	05ND006	62
GAFF DITCH NEAR MERRYFLAT	11AB102	62
GAINSBOROUGH CREEK NEAR STORTHOAKS	05NF013	63
GAP CREEK BELOW DOWNIE LAKE DIVERSION	05HA069	63
GARDEN RIVER NEAR HENRIBOURG	05GG010	64
GEIKIE RIVER BELOW WHEELER RIVER	06DA004	64
GIBSON CREEK NEAR RADVILLE	05NA005	65
GIRARD CREEK NEAR CORONACH	11AE015	65
GOOD SPIRIT LAKE NEAR CANORA	05MB010	66
GOOSEHUNTING CREEK NEAR BEATTY	05KA009	66
GREASE RIVER BELOW FONTAINE LAKE	07LE003	67
GREENLEIGH RESERVOIR NEAR BICKLEIGH	05HF016	67
GREENWATER LAKE NEAR CHELAN	05LB011	68
HAPPYLAND CREEK NEAR FOX VALLEY	05HB002	68
HARRIS RESERVOIR NEAR MAPLE CREEK	05HA074	69
HAULTAIN RIVER ABOVE NORBERT RIVER	06BD001	69
HAY MEADOW CREEK NEAR LISIEUX	11AE010	70
HUFF LAKE	11AC063	70
HUFF LAKE GRAVITY CANAL	11AC065	71
HUFF LAKE PUMPING CANAL	11AC066	71
HUNTER CREEK NEAR RICHARDSON	05JF014	72
INDIANHEAD CREEK NEAR INDIAN HEAD	05JL002	72
INVERNESS CREEK NEAR BRODERICK	05HG021	73
IRONSPRING CREEK NEAR WATSON	05MA012	73
ISKWAO CREEK NEAR CRAIK	05JG014	74
JACKFISH LAKE NEAR COCHIN	05EG003	74
JACKFISH RIVER NEAR PRINCE	05EG007	75
JEWEL CREEK NEAR GOODWATER	05NB014	75
JUMPING DEER CREEK NEAR LIPTON	05JK004	76
JUNCTION RESERVOIR NEAR MAPLE CREEK	05HA063	76
KATEPWA LAKE AT KATEPWA BEACH	05JL004	77
KEELEY RIVER AT OUTLET OF KEELEY LAKE	06BB004	77
KELSEY CREEK NEAR GARRICK	05KE007	78
KENOSEE LAKE NEAR CARLYLE	05ND009	78
KIPABISKAU LAKE NEAR MCKAGUE	05LA007	79
KNOX COULEE NEAR TUXFORD	05JG015	79
LAC LA RONGE AT LA RONGE	06CB001	80
LAC PELLETIER NEAR VESPER	05HD028	80
LAKE ATHABASCA NEAR CRACKINGSTONE POINT	07MC003	81
LAKE DIEFENBAKER AT GARDINER DAM	05HF003	81
LAKE DIEFENBAKER AT SASKATCHEWAN LANDING	05HC004	82
LAKE OF THE RIVERS WEST INFLOW	05JD004	82
LANIGAN CREEK BELOW DIVERSION	05JJ003	83
LANIGAN CREEK NEAR LANIGAN	05JJ010	83
LARSEN RESERVOIR NEAR RADVILLE	05NA006	84
LAST MOUNTAIN LAKE AT ROWAN'S RAVINE	05JH004	84
LAWRIE CREEK NEAR INSINGER	05MB012	85
LEATHER RIVER NEAR STAR CITY	05KB006	85
LEWIS CREEK NEAR IMPERIAL	05JH005	86
LIGHTNING CREEK NEAR CARNDUFF	05NF006	86
LILIAN RIVER NEAR LADY LAKE	05NC003	87
LITTLE BRIDGE CREEK NEAR ARMLEY	05KB008	87
LITTLE MANITOU LAKE AT MANITOU BEACH	05JJ001	88
LITTLE QUILL LAKE NEAR WYNYARD	05NA002	88
LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY	11AB083	89
LODGE CREEK NEAR ALBERTA BOUNDARY	11AB082	89
LOISELLE CREEK NEAR HUDSON BAY	05LB004	90
LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	05NA003	90
LONG CREEK NEAR ESTEVAN	05NB001	91
LONG CREEK NEAR MAXIM	05NA004	91
LONG CREEK NEAR NOONAN	05NB027	92
LUMSDEN INDEX RESERVOIR	05JF013	92
LYONS CREEK AT INTERNATIONAL BOUNDARY	11AB075	93
MACDONALD CREEK NEAR BOUNTY	05HF005	93
MACFARLANE RIVER AT OUTLET OF DAVY LAKE	07MB001	94
MACNAB CREEK NEAR SOMME	05LB008	94
MADGE LAKE NEAR KAMSACK	05LE012	95
MAGNUSSON CREEK NEAR WYNYARD	05NA021	95
MAKWA RIVER AT OUTLET OF MAKWA LAKE	06AD009	96
MAKWA RIVER AT RAPID VIEW	06AD007	96
MALONECK CREEK NEAR PELLY	05LE011	97
MANITO LAKE NEAR MARSDEN	05GA006	97
MAPLE CREEK BELOW JUNCTION RESERVOIR	05HA076	98
MCDONALD CREEK NEAR MCCORD	05JA003	98
MCDONALD TRIBUTARY NEAR TOTNES	05HF015	99
MCKINNON DITCH NEAR CONSUL	11AB044	99
MEADOW RIVER BELOW MEADOW LAKE	06AD010	100
MIDDLE CREEK ABOVE LODGE CREEK	11AB008	100
MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR	11AB001	101
MIDDLE CREEK NEAR GOVENLOCK	11AB108	101
MIDDLE CREEK RESERVOIR	11AB080	102
MIDDLE CREEK RESERVOIR BEDFORD OUTLET	11AB114	102
MIDDLE CREEK RESERVOIR FLOOD SPILLWAY	11AB115	103
MIDDLE CREEK RESERVOIR MAIN OUTLET	11AB113	103
MIDDLE FORK POPLAR RIVER AT INTERNATIONAL BOUNDARY	11AE008	104
MILLIGAN CREEK NEAR WADENA	05MA023	104
MONNERY RIVER NEAR PARADISE HILL	05EF004	105
MONTREAL LAKE NEAR MOLANOSA	06CA005	105
MONTREAL RIVER AT HIGHWAY NO. 2	06CA003	106
MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE	06CA001	106
MOOSE JAW RIVER ABOVE THUNDER CREEK	05JE001	107
MOOSE JAW RIVER NEAR BURDICK	05JE006	107
MOOSE JAW RIVER NEAR LANG	05JE002	108
MOOSE JAW RIVER NEAR ROULEAU	05JE004	108
MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE	05NC001	109
MOOSE MOUNTAIN CREEK NEAR OXBOW	05ND004	109
MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING	05NC002	110
MOOSOMIN RESERVOIR NEAR MOOSOMIN	05NE002	110
MORIN CREEK NEAR MEADOW LAKE	06AD008	111
MOSQUITO CREEK NEAR PAMBRUN	05JB007	111
MUDDY LAKE INFLOW NEAR REVENUE	05GB004	112
MUDJATIK RIVER NEAR FORCIER LAKE	06BC001	112
NASHLYN CANAL NEAR CONSUL	11AB018	113
NEMEIBEN LAKE NEAR LA RONGE	06CB003	113
NEWTON LAKE	11AC056	114
NEWTON LAKE MAIN CANAL	11AC054	114

NAME	STATION NO.	PAGE
NORBURY CREEK NEAR SPIRITWOOD	06AE001	115
NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT	05GG001	115
NORTH SASKATCHEWAN RIVER NEAR DEER CREEK	05EF001	116
NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR	05JB004	116
NOTUKEU CREEK NEAR VANGUARD	05JB001	117
OPUNTIA LAKE WEST INFLOW	05GC007	117
OSCAR CREEK NEAR KRYDOR	05GD002	118
OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE	07LE004	118
OVERFLOWING RIVER NEAR HUDSON BAY	05LD003	119
PAGATO RIVER AT OUTLET OF PAGATO LAKE	06EA007	119
PAGE CREEK NEAR IFFLEY	05EG008	120
PASQUIA RIVER AT HIGHWAY NO. 9	05KJ014	120
PATTEN CREEK NEAR KUROKI	05MB011	121
PHEASANT CREEK NEAR ABERNETHY	05JL005	121
PIKE LAKE NEAR SASKATOON	05HG003	122
PINTO CREEK NEAR WOODROW	05JA004	122
PIPESTONE CREEK NEAR MOOSOMIN	05NE001	123
PIPESTONE CREEK NEAR ROSE VALLEY	05LA004	123
PIPESTONE RIVER BELOW ROTARIU LAKE	07LD003	124
PORCUPINE RIVER AT OUTLET OF GROVE LAKE	07LC003	124
PORTER LAKE AT CREW CABIN	06BC002	125
PRAIRIE RIVER NEAR PRAIRIE RIVER	05LB010	125
QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE	05JG004	126
QU'APPELLE RIVER AT HYDE	05JM013	126
QU'APPELLE RIVER BELOW CRAVEN DAM	05JK002	127
QU'APPELLE RIVER BELOW KATEPWA LAKE	05JL001	127
QU'APPELLE RIVER BELOW LOON CREEK	05JK007	128
QU'APPELLE RIVER BELOW MOOSE JAW RIVER	05JG007	128
QU'APPELLE RIVER NEAR LUMSDEN	05JF001	129
QU'APPELLE RIVER NEAR WELBY	05JM001	129
QUILL CREEK NEAR QUILL LAKE	05MA020	130
RADOUGA CREEK NEAR BLAINE LAKE	05GE001	130
RADVILLE INDEX RESERVOIR	05NA009	131
RANCH CREEK NEAR ANNAHEIM	05MA014	131
RED DEER RIVER NEAR ARCHERWILL	05LA005	132
RED DEER RIVER NEAR ERWOOD	05LC001	132
RED DEER RIVER NEAR STEEN	05LB005	133
REID LAKE NEAR DUNCAIRN	05HD033	133
REINDEER RIVER AT OUTLET OF REINDEER LAKE	06DB002	134
RICHARDSON DITCH NEAR CONSUL	11AB058	134
RIDALLS TRIBUTARY BELOW GREENLEIGH RESERVOIR	05HF013	135
RIDGE CREEK NEAR BRIDGEFORD	05[illegible]013	135
ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY	11AE009	136
ROMANCE CREEK NEAR WATSON	05MA016	136
ROUGHBARK RESERVOIR NEAR WEYBURN	05NB016	137
ROUND LAKE NEAR WHITEWOOD	05JM007	137
RUSHLAKE CREEK ABOVE HIGHFIELD RESERVOIR	05JC004	138
RUSSELL CREEK NEAR VANGUARD	05JB002	138
RUSSELL CREEK RESERVOIR	05JB006	139
SALINE CREEK NEAR NOKOMIS	05JJ009	139
SANDY CREEK NEAR CARON	05JG001	140
SASKATCHEWAN RIVER BELOW TOBIN LAKE	05KD003	140
SASKATCHEWAN RIVER NEAR MANITOBA BOUNDARY	05KH008	141
SASKATCHEWAN RIVER OLD CHANNEL	05KH009	141
SASKATOON S.E. PROJECT DIVERSION TO LITTLE MANITOU LAKE	05JJ006	142
SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BLACKSTRAP RESERVOIR	05HG008	142
SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRIGHTWATER RESERVOIR	05HG004	143
SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR	05HG019	143
SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW ZELMA RESERVOIR	05HG009	144
SASKATOON S.E. PROJECT MAIN CANAL ABOVE BLACKSTRAP RESERVOIR	05HG005	144
SASKATOON S.E. PROJECT MAIN CANAL ABOVE BRIGHTWATER RESERVOIR	05HG007	145
SASKATOON S.E. PROJECT MAIN CANAL ABOVE ZELMA RESERVOIR	05HG011	145
SASKATOON S.E. PROJECT MAIN CANAL AT INLET TO DELLWOOD RESERVOIR	05JJ007	146
SASKATOON S.E. PROJECT MAIN CANAL AT OUTLET OF MANITOU PUMPING STATION	05JJ005	146
SHAND CREEK NEAR DILLABOUGH	05LB006	147
SHELL BROOK NEAR SHELLBROOK	05GF001	147
SHEPHERD DITCH NEAR CONSUL	11AB020	148
SHORT CREEK NEAR ROCHE PERCEE	05NB021	148
SILTON INDEX RESERVOIR	05JH007	149
SMITH CREEK NEAR MARCHWELL	05ME007	149
SMOOTHSTONE RIVER BELOW EMMELINE LAKE	06CC001	150
SNAKEBITE CREEK NEAR BEECHY	05HE001	150
SNIPE LAKE NEAR ESTON	05HC002	151
SNIPE LAKE NORTH INFLOW	05HC003	151
SOURIS RIVER NEAR BECHARD	05NB031	152
SOURIS RIVER NEAR GLEN EWEN	05ND001	152
SOURIS RIVER NEAR HALBRITE	05NB017	153
SOURIS RIVER NEAR LEWVAN	05NB025	153
SOURIS RIVER NEAR MCTAGGART	05NB030	154
SOURIS RIVER NEAR ROCHE PERCEE	05NB009	154
SOURIS RIVER NEAR SHERWOOD	05ND007	155
SOUTH SASKATCHEWAN RIVER AT SASKATOON	05HG001	155
SOUTH SASKATCHEWAN RIVER AT ST. LOUIS	05HH001	156
SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM	05HF004	156
SPANGLER DITCH NEAR GOVENLOCK	11AB060	157
SPIRIT CREEK NEAR BUCHANAN	05MB007	157
SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR	05GG007	158
SPRUCE RIVER DIVERSION TO EMMA LAKE	05GG006	158
SQUAW COULEE NEAR WILLOW CREEK	11AB103	159
STONY CREEK NEAR KAMSACK	05MD010	159
STONY CREEK NEAR STENEN	05MC002	160
STURGEON RIVER NEAR PRINCE ALBERT	05GF002	160
STURGEON-WEIR RIVER AT LEAF RAPIDS	05KG007	161
STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE	05KG002	161
SWAN RIVER NEAR NORQUAY	05LE008	162
SWIFT CURRENT CANAL AT SWIFT CURRENT	05HD034	162
SWIFT CURRENT CREEK BELOW REID LAKE	05HD041	163
SWIFT CURRENT CREEK BELOW ROCK CREEK	05HD036	163
SWIFT CURRENT CREEK NEAR LEINAN	05HD039	164
TATAGWA LAKE DRAIN NEAR WEYBURN	05NB018	164
TAZIN LAKE NEAR OUTLET	07QC002	165
THEODORE RESERVOIR NEAR THEODORE	05NB009	165
THUNDER CREEK NEAR DARMODY	05JG012	166
THYME HILL RIVER BELOW MACKENZIE LAKE	06DB003	166
TOBIN LAKE AT SQUAW RAPIDS SPILLWAY	05KD004	167
TORCH RIVER NEAR LOVE	05KE002	167
TURTLE LAKE NEAR GLASLYN	05EG009	168
TURTLELAKE RIVER NEAR TURTLEFORD	05EG005	168
UNNAMED CREEK NEAR CUTBANK	05HF022	169
VAL MARIE PUMP NO. 1	11AC068	169
VIDORA DITCH NEAR CONSUL	11AB084	170
WALDSEA LAKE NEAR HUMBOLDT	05KA010	170

NAME	STATION NO.	PAGE
WASCANA CREEK BELOW KRONAU MARSH	05JF012	171
WASCANA CREEK NEAR LUMSDEN	05JF005	171
WASCANA CREEK NEAR SEDLEY	05JF004	172
WASCANA LAKE AT THE MARINA	05JF015	172
WASCANA LAKE BELOW BROAD STREET WEIR	05JF002	173
WATERBURY LAKE AT CREW CABIN	07LB001	173
WATERFOUND RIVER BELOW UNKNOWN LAKE	07LB002	174
WATERHEN LAKE NEAR DORINTOSH	06AF007	174
WATERHEN RIVER NEAR GOODSOIL	06AF005	175
WATHAMAN RIVER BELOW WATHAMAN LAKE	06DC001	175
WEYBURN INDEX RESERVOIR	05NB024	176
WEYBURN RESERVOIR NEAR WEYBURN	05NB020	176
WHEELER RIVER BELOW RUSSELL LAKE	06DA005	177
WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE	05ND008	177
WHITE FOX RIVER NEAR GARRICK	05KE005	178
WHITESAND RIVER NEAR CANORA	05MB003	178
WHITESAND RIVER NEAR SPRINGSIDE	05MB008	179
WILCOX MAIN DITCH NEAR WILCOX	05JE008	179
WILLIAM RIVER ABOVE CARSWELL RIVER	07MA004	180
WILLOW BROOK AT WILLOWBROOK	05MB005	180
WILLOWS COULEE RESERVOIR	05JD005	181
WIWA CREEK NEAR ST. BOSWELLS	05JC006	181
WOLLASTON LAKE AT ROSS CHANNEL	06DA001	182
WOOD RIVER DIVERSION TO CHAPLIN LAKE	05JC005	182
WOOD RIVER NEAR LAFLECHE	05JA002	183
YELLOW GRASS DITCH NEAR YELLOW GRASS	05NB011	183
YORKTON CREEK NEAR EBENEZER	05MB001	184
ZELMA RESERVOIR AT PUMP STATION	05HG012	184